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# LIST of Available Publications

OF THE

United States  
Department of  
Agriculture



Compiled By Eleanor W. Clay



MISCELLANEOUS PUBLICATION NO. 60 • 1948



# Historic, archived document

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# List of Available Publications of the United States Department of Agriculture

Compiled by ELEANOR W. CLAY  
Division of Publications  
Office of Information



MISCELLANEOUS PUBLICATION NO. 60  
Issued January 1929, Revised November 1948



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## INTRODUCTION

This list gives the titles with issuance and revision dates, classified by subjects, and procedures for ordering United States Department of Agriculture publications that are either available free from the Department or for sale by the Government Printing Office. It also gives procedures for ordering periodicals, motion pictures, slidefilms, and other visual aids. This material is intended principally for the use of farmers, homemakers, research workers, teachers, and others who are interested in agriculture and related subjects.

In the past, the List of Available Publications of the United States Department of Agriculture was published annually. Because of lack of funds it was not published during 1943, 1944, 1946 or 1947.

Agricultural experiment stations in each State investigate the agricultural problems of their States. Their published reports can be obtained from the stations, usually free of charge. Addresses of these stations are listed on page 12.

The agricultural extension service, which is maintained by the States and the Department, is represented in nearly every county by an agricultural agent and in many, by home demonstration agents. These agents are well informed about the agriculture and home problems in their counties. They can give valuable information concerning conditions and practices there and also about many things prospective farmers or homemakers need to know. The office of these county agents and home demonstration agents is usually located at the county seat.

For additional information on agricultural subjects not included in this list, write to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

## DISTRIBUTION OF PUBLICATIONS

Publications are free in limited quantities, usually 10 at any one time, unless a price is given. Use the following instructions as a guide:

### American Educational Institutions

Libraries and instructors may obtain as many as 50 free publications. Justification is required if more are ordered. The Department is unable to supply them in quantity for individual textbook use.

### Extension Workers

Publications can be had in quantities if application has cleared through the State publications-distribution officer. His office is usually located at the State college. In many cases the distribution officer is the State extension director or State extension editor. Clearance is not required if 50 or fewer publications are ordered. Send letters not requiring clearance to: Extension Service, U. S. Department of Agriculture, Washington 25, D. C.

### Foreign Governments and Institutions

No printed publications issued by the Department of Agriculture or any of its Bureaus will be sent regularly to any foreign government, organization or private agency, unless exchange arrangements have been made by the Librarian of the Department of Agriculture. The Department's Library, however, will be glad to arrange for such exchange of publications. All inquiries concerning the exchange of publications should be addressed to the Library, U. S. Department of Agriculture, Washington 25, D. C.

### Foreign Residents

No free distribution. Individuals or institutions not covered above may purchase copies of any listed publication from the Superintendent of Documents in accordance with the instructions in paragraph 4 under *How to Order Publications That Are for Sale*. Prices of publications will be found on pages 159-171.

### Government Agencies and Cooperators (Federal, State, county, and local)

Library and office copies of free publications may be obtained when needed. Consideration will also be given to quantity requests if effective distribution can be assured.



**Libraries (State or Public)**

One copy each of any free publication needed.

**Organizations (commercial)**

One copy each of free publications will be furnished to libraries on request. One each of 10 publications will be furnished at one time. *See also How Publications May Be Obtained in Quantities*, below.

**Organizations (nonprofit)**

Library or office copies of free publications will be furnished on request. Consideration will also be given to quantity requests if effective distribution can be assured.

**Press**

Library and review copies of free publications will be furnished on request. Justification is required if more than 50 are ordered. Publications cannot be furnished for redistribution. Before publicizing a publication please obtain permission, as otherwise the supply on hand might not be sufficient to meet the demand.

**Radio**

Same as *Press*. *See* above.

**Public**

One each of 10 nontechnical free publications will be furnished at one time. *See also How Publications May Be Obtained in Quantities*, below.

**Students**

For reasons of economy publications cannot be furnished direct to students. Please apply through your instructors or school libraries. *See also American Educational Institutions*, page 1.

**Teachers**

*See American Educational Institutions*, page 1.

**HOW TO ORDER FREE PUBLICATIONS**

1. *See* guide to *Distribution of Publications* on page 1.
2. Give series, number, and title of bulletins and list each series numerically. That is, group all the "C" numbers, "F" numbers, "L" numbers, etc., in numerical order, as indicated below. If you do this it will hasten action on your request.

**Sample Order**

- F 1026. Strawberry culture: South Atlantic and Gulf coast regions.  
 F 1656. Peanut growing.  
 F 1826. Care of ornamental trees and shrubs.  
 F 1977. Savory herbs: Culture and use.  
 L 177. The pasteurization of milk.  
 IS 21. Food for two.  
 IS 44. Water for the modern farmstead.  
 W 68. Smokehouses and hog-slaughtering equipment.  
 W 110. Home canning of meat.  
 C 706. Meat dehydration: A report of research work for its commercial development.

3. Write your name and address plainly. Be sure that you have given the correct street address or rural route number.

4. Send orders for free publications to the Division of Publications, Office of Information, U. S. Department of Agriculture, Washington 25, D. C., unless otherwise instructed. Do not ask for more publications than you are entitled.

5. If you are ordering publications some of which are free and some for sale, make separate orders and mail them as directed. *See also How to Order Publications That Are for Sale*, page 3.

6. If you find it necessary to renew your request, please state specifically which ones were ordered. The Department receives thousands of requests each day for publications and it is impossible to keep records on each one.

**HOW PUBLICATIONS MAY BE OBTAINED IN QUANTITIES**

The law governing the printing and distribution of Government publica-

tions provides that the Superintendent of Documents, Government Printing Office, may have printed for sale any publication of which there is a demand that cannot be filled free. Therefore, if more publications are needed than are allowed free they may usually be purchased. *See* pages 159-171 for prices of the publications included in the list.

Members of Congress receive an allotment of Farmers' Bulletins and Leaflets for such distribution as they wish to make. Hence it is often possible to obtain more copies than the Department of Agriculture can supply by applying to a United States Senator or Representative.

#### HOW TO ORDER PUBLICATIONS THAT ARE FOR SALE

(Use order blanks on pages 185-191)

1. Send order and remittance for publications listed for sale only, to the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Do not send to the Department of Agriculture.

2. Remittances must be made in advance of shipment of publications, either by coupons, sold by the Superintendent of Documents in sets of 20 for \$1.00 and good until used, or by check, money order, or postal note payable to the Superintendent of Documents. Currency may be sent at sender's risk. Foreign money and defaced or smooth coins are not acceptable. Do not send postage stamps.

3. Postage is not required for shipment within the United States, including Alaska, Canal Zone, Guam, Hawaii, Puerto Rico, Samoa (U. S.), and Virgin Islands (U. S.), nor for shipment to Bolivia, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras (Republic of), Mexico, Newfoundland (including Labrador), Nicaragua, Panama, Paraguay, Peru, Uruguay, and Venezuela.

4. For shipment to all other countries not mentioned in paragraph 3, an additional amount of about one-third of the purchase price is required. *Exception:* When subscribing for a periodical do not send postage, as this is provided for in the subscription price. Remittances should be made by international money order or draft on an American bank, payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

5. A discount of 25 percent is allowed to authorized book dealers and to quantity purchasers of 100 or more publications on condition that the purchasers will adhere to the public sale price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

6. Deposit accounts may be opened with the Superintendent of Documents. In order to open such an account send in a check in the amount of \$5.00, requesting a deposit account, together with your correct name and address. Sufficient deposit to take care of the publications ordered must be on hand at all times.

### DESCRIPTIONS OF SERIES

#### AGRICULTURAL INFORMATION SERIES

This series replaces the Agricultural War Information Series. It presents in popular style matters of current interest in agriculture, usually in illustrated folders or small pamphlets.

#### AGRICULTURAL STATISTICS

This publication is issued once a year. It contains detailed analytical statistics on agriculture.

#### Separates from Agricultural Statistics

These pamphlets are chapters reprinted from the annual volume of Agricultural Statistics. They contain information on specific subjects that is identical to that printed in the complete volume.

#### AGRICULTURAL WAR INFORMATION SERIES

*See* Agricultural Information Series.

#### ANNUAL REPORTS

Annual Reports give the progress of the work of the bureau or office concerned for the years indicated.

#### BIBLIOGRAPHICAL BULLETINS

This series includes printed bibliographies and summaries of literature compiled in the Department.

**CIRCULARS**

Circulars are semitechnical publications that describe the methods, equipment, and observations necessary for the control of diseases, insects, and parasites of plants and animals. The culture and marketing of crops, including new varieties that are developed, are also described in this series. They are intended chiefly for use by specialized operators, growers, or processors, or for use under special conditions or phases of agriculture requiring specific discussion. Circulars supersede the old series known as Department Circulars.

**COMMODITY STATISTICS**

The publications in this series contain rather detailed market statistics for specific commodities.

**CONSERVATION FOLDERS**

This series of folders describing practices that help conserve soil and moisture resources was prepared for farmers and ranchers of the northern Great Plains.

**DEPARTMENT BULLETINS**

*See* Technical Bulletins.

**DEPARTMENT CIRCULARS**

*See* Circulars.

**DISCUSSION SERIES**

This series was intended to encourage widespread discussion of the farm program and set forth the issues which farmers themselves are concerned.

**EROSION SURVEY REPORTS**

*See* Physical Land Surveys.

**FARM CREDIT ADMINISTRATION BULLETINS**

These bulletins give comprehensive results of the research studies of the Farm Credit Administration. They relate to problems of management, organization, policies, merchandising, sales, costs, competition, and membership arising in connection with the cooperative marketing of agricultural products and the cooperative purchasing of farm supplies and services. *See* page 152.

**FARM CREDIT ADMINISTRATION CIRCULARS "A"**

The "A" series contain a miscellaneous assortment of speeches and other informative material. *See* page 153.

**FARM CREDIT ADMINISTRATION CIRCULARS "C"**

This series presents in popular style the results of research studies by the Farm Credit Administration. It contains numerous illustrations. It is less involved than the detailed Farm Credit Administration Bulletin series and is designed for a wider readership. *See* page 153.

**FARM CREDIT ADMINISTRATION CIRCULARS "E"**

Part of this series, E-5 to 24, is commonly referred to as "You and Your Co-op" circulars. They were prepared especially for the use of teachers and students of vocational agriculture studying farmers' cooperatives, for members of cooperatives, and extension workers active in promoting cooperative endeavors. *See* page 153.

**FARM CREDIT ADMINISTRATION CREDIT RESEARCH BULLETINS**

Descriptive analyses of the organization, operation, and economic aspects of agricultural credit systems abroad. Of interest to research workers as point of departure for more detailed study and to farm financiers as source of information on foreign experience with various principles of organization, types of credit, lending policies, and methods of raising loanable funds. *See* page 154.

**FARM CREDIT ADMINISTRATION POPULAR CIRCULARS**

This series describes in an easily understood manner the functions and services of the various units under the supervision of the Farm Credit Administration. *See* page 154.

**THE FARMER AND THE WAR SERIES**

This series of pamphlets dealt essentially with the economic status of farmers in wartime. Series discontinued.



**FARMERS' BULLETINS**

Information on practical methods of applying the results of scientific research to farming and homemaking is given in simple language in this series.

**FOREIGN AGRICULTURE BULLETINS**

These bulletins cover comprehensively the results of field investigations or of special research pertaining to various phases of agriculture of foreign countries or regions. Printed. No regular date of issuance.

**FOREIGN AGRICULTURE REPORTS**

These reports present the results of field investigations and of research pertaining to the agriculture of foreign countries or regions. Processed. No regular date of issuance.

**GENERAL INFORMATION SERIES**

This series of bulletins was published for the general public as well as for farmers. It is of a nontechnical nature. The subject matter covers the broader phases of the former Agricultural Adjustment Agency program now merged in the work of the Production and Marketing Administration. Series discontinued. *See* page 155.

**HYDROLOGIC BULLETINS**

Hydrologic Bulletins present basic hydrologic data collected at various watersheds throughout the country at which problems relating to soil and water conservation are studied. These studies are intended to determine the effect of agricultural land use practices on soil and water conservation and on floods.

**INTERNATIONAL AGRICULTURAL COLLABORATION**

These reports present the results of field investigations and research under the broad authorized program of intergovernmental technical collaboration. Processed. No regular date of issuance.

**LEAFLETS**

Leaflets carry popular material of the same general character as the Farmers' Bulletin series except that they are simpler and briefer.

**MARKETING INFORMATION SERIES**

The Marketing Information Series includes publications relating to the marketing agreement activities. Series discontinued. *See* page 155.

**MISCELLANEOUS CIRCULARS**

*See* Miscellaneous Publications below.

**MISCELLANEOUS PUBLICATIONS**

This series includes both technical and nontechnical publications that do not conform to the size or type of material specified for the other series. Miscellaneous Publications supersede the old series known as Miscellaneous Circulars.

**NUTRITION AND FOOD CONSERVATION SERIES**

These publications were designed to stimulate interest in the national nutrition and food conservation programs during the war years. They suggest ways to obtain the best value of food through meal planning, buying, and storing and include meal planning guides for use in the former industrial in-plant feeding program. Series discontinued.

**PHYSICAL LAND SURVEYS**

Physical land survey reports contain recommendations for the use and management of land according to its capability and for the most effective conservation farming methods suited to the different land conditions throughout the country. The survey reports and the accompanying maps cover soils, slopes, erosion, and present land use. Former reports in this series were called Erosion Survey Reports.

**PROGRAM AIDS**

This series presents guides in meeting the various farm programs as well as the aims and progress being made.

**PUBLICATIONS OF THE FEDERAL EXPERIMENT STATION IN PUERTO RICO**

In general the Bulletins of the Federal Experiment Station in Puerto Rico

contain technical material and the Circulars more popular information on the subjects treated.

#### SOIL SURVEYS

Soil Survey reports contain: (1) A soil map, in colors, showing the extent and distribution of the different soils in the area; (2) descriptions of each of the soils shown on the soil map, giving its texture, color, structure, friability, depth, quality of drainage, degree of stoniness, slope, presence of hardpans or other impermeable layers, reaction, and other characteristics affecting plant growth; (3) estimates of the productivity of each soil in terms of crop yields, and suggestions for its use and management; (4) a technical discussion of the mode of origin of the soils of the area, and of their characteristics in relation to the major soil groups of the Nation; (5) a general description of the climate, agriculture, markets, transportation facilities, industries, population, and other items of interest, concerning the area. *See* pages 117-141.

#### STATISTICAL BULLETINS

This series consists mainly of tables giving statistics on one or more closely related agricultural commodities. They contain, insofar as possible, statistics of foreign and domestic production and marketing, including movement from the farm, receipts at principal markets, reshipments, farm and market prices, and exports and imports. They are of particular interest to persons actually engaged in marketing, or any business affected by agricultural production and marketing.

#### TECHNICAL BULLETINS

Technical Bulletins contain results of research work carried on by the Department of Agriculture and its cooperators. They are written in technical language and are intended chiefly for distribution to scientists and specialists in the fields studied. Usually a comparatively small edition is printed which limits the number of copies that are available for free distribution. This series supersedes the old series known as Department Bulletins.

#### YEARBOOKS

For several years prior to 1936 the Yearbook was made up of detailed agricultural statistics and of brief summaries of new developments in agriculture. From 1936 to 1942, two separate volumes were issued each year, one containing detailed analytical statistics of agriculture and the other containing articles on agricultural problems and research findings. Because of the war, the Yearbook for the years 1943-47 was combined into one edition, "Science in Farming."

The 1948 Yearbook of Agriculture, entitled "Grass," is devoted to grassland agriculture. It contains 892 pages and is illustrated. Its major articles discuss the place of the grasses, legumes, and associated plants in animal feeding, conservation, rotations, farm management, soil building, pastures, highways, airfields, playgrounds, and lawns. One section treats of the handling of grass in each of the major sections of the country. Numerous tables and charts give detailed recommendations regarding seeding mixtures and fertilization. The needs and uses of the more common grasses and legumes are considered at length. *See* page 41.

#### Yearbook Separates

Yearbook separates are articles reprinted from the yearbooks. They contain information on specific subjects.

#### PERIODICAL PUBLICATIONS AND MAILING LISTS

The following descriptions of the printed periodicals issued by the Department of Agriculture give a brief outline of the kind of information each contains. With a few exceptions the free distribution of periodicals is very limited. Anyone who wishes to have his name added to a free list should furnish a description of the nature of his work with his application. Persons not entitled to receive free subscriptions may purchase them according to the instructions given for each periodical.

#### THE AGRICULTURAL SITUATION

*Content.*—This publication contains a summary of the current agricultural outlook and brief articles dealing with the economic problems of agriculture. This publication is designed primarily for those interested in agriculture

from a general nontechnical standpoint. It is usually 16 pages long and is issued the first week of each month.

*Free distribution* is limited to Department of Agriculture workers and cooperators, agricultural experiment stations, State agricultural colleges, libraries, and the press. Apply to the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 5¢ each; domestic subscription, 50¢ a year. Foreign subscription, 70¢ a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### AGRICULTURE DECISIONS

*Content.*—This monthly official publication makes available to the public decisions of the Secretary of Agriculture under regulatory laws administered in the United States Department of Agriculture. The decisions may be described generally as decisions which are made in proceedings of a quasi-judicial (as contrasted with quasi-legislative) character, and which, under the applicable statutes, can be made only after notice and hearing or opportunity for hearing have been given. Current court decisions involving the regulatory laws administered by the Department are included in this publication. An Index-Digest of both the agriculture decisions and court decisions will be found at the end of each issue.

*Free distribution* is limited to individuals and collaborators engaged in regulatory work. Apply to the Office of the Solicitor, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Price of single copy varies depending on size; domestic subscription, \$2.00 a year. Foreign subscription, \$2.50 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### BIBLIOGRAPHY OF AGRICULTURE

*Content.*—This monthly publication lists all of the literature on agriculture and closely related subjects received by the Department Library, and covers more than 12,000 periodical and serial publications as well as thousands of books, pamphlets, and governmental documents in this field.

*Free distribution* is limited to Federal, State and other public agencies. Apply to the Library, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies vary in price; domestic subscription, \$6.00 a year. Foreign subscription, \$8.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### CROPS AND MARKETS

*Content.*—Crops and Markets is published annually as a supplement to Agricultural Statistics. It contains additional statistics on crop production, livestock slaughter, farm income, farm wages and employment, farm population, prices received and paid by farmers, and other special subjects. Where possible, statistics are given by States and by months.

*Free distribution* is limited to United States Department of Agriculture workers and cooperators, agricultural experiment stations, staff members of agricultural colleges, agricultural libraries, and the press. Apply to the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 45¢ each. No subscription. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### EXPERIMENT STATION RECORD

*Content.*—While this publication was discontinued following the December 1946 issue, Volume 95, No. 6, copies in stock are available for distribution until the current supplies are exhausted. Experiment Station Record was a technical review of the scientific literature on agriculture and home economics. It gave special attention to the contributions of the State agricultural experiment stations and the United States Department of Agriculture, and



was especially designed for the use of research workers, teachers, extension specialists, and others who wished to keep current on agricultural and home economics information. It was also a source of reference for ascertaining the past progress of research in these fields since it began publication in 1889.

*Free distribution* of copies on hand at the present time is restricted mainly to workers of the Department of Agriculture, agricultural colleges, agricultural experiment stations, and similar institutions, and to libraries and exchanges. Apply to the Office of Experiment Stations, U. S. Department of Agriculture, Washington 25, D. C.

#### EXTENSION SERVICE REVIEW

*Content.*—The Extension Service Review is a monthly magazine issued by the Extension Service in the interest of workers and cooperators of the Department of Agriculture who are engaged in extension activities. It contains official statements and other information necessary to the performance of their duties.

*Free distribution* is limited to extension workers. Apply to the Extension Service, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 10¢ each; domestic subscription, 75¢ a year. Foreign subscription, \$1.15 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### FIRE CONTROL NOTES

*Content.*—A quarterly periodical devoted to the technique of fire control. Articles and notes deal with fire research or fire control management: Theory, relationships, prevention, equipment, detection, communication, transportation, cooperation, planning, organization, training, fire fighting, methods of reporting, and statistical systems.

*Free distribution* is limited to Forest Service employees and cooperators in fire control work. Apply to the Forest Service, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 15¢ each; domestic subscription, 50¢ a year. Foreign subscription, 70¢ a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### FOREIGN AGRICULTURAL TRADE

*Content.*—Issued monthly, with annual summaries on a fiscal-year and calendar-year basis, processed. The monthly issues contain quantity indexes of United States foreign trade in agricultural products and tables showing by quantity and value the cumulative imports and exports of principal agricultural products from July 1 of the current year to date, as compared with the preceding year.

*Distribution* is free to commercial firms and institutions that can show a need for such data. Apply to the Office of Foreign Agricultural Relations, U. S. Department of Agriculture, Washington 25, D. C.

#### FOREIGN AGRICULTURE

*Content.*—Issued monthly; 24 pages, illustrated, printed. Beginning with the January 1948 issue, this periodical is a consolidation of Foreign Agriculture, issued monthly from January 1937 to December 1947, and of Agriculture in the Americas, issued monthly from February 1941 to December 1947. The scope of the consolidated periodical has been broadened to include information previously published in Agriculture in the Americas. It presents results of research of the types and characteristics of agricultural production and marketing in the various countries of the world, foreign government policies relating to agriculture, international trade in agricultural products, and information on developments in the field of international technical collaboration for the advancement of agriculture. Indexed yearly.

*Free distribution* is limited to certain school and public libraries. Apply to the Office of Foreign Agricultural Relations, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 15¢ each; domestic subscription, \$1.50 a year. Foreign subscription, \$2.00 a year. When remitting for a subscription to

be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### FOREIGN CROPS AND MARKETS

*Content.*—A weekly 16-page publication, mimeographed. It is issued for the purpose of keeping producers, processors, distributors, and consumers of farm products informed with respect to current developments in crop and livestock industries abroad, trends in consumption and prices of farm products in foreign countries, and foreign trade in farm products.

*Distribution* is free up to the limit of the number authorized but is restricted to those who can show that the information it contains is essential to the efficient conduct of their production, marketing, educational, news dissemination, or other professional activities. Apply to the Office of Foreign Agricultural Relations, U. S. Department of Agriculture, Washington 25, D. C.

#### JOURNAL OF AGRICULTURAL RESEARCH

*Content.*—The Journal of Agricultural Research is a semi-monthly publication containing articles on technical agricultural research carried on by the United States Department of Agriculture or the State agricultural experiment stations, or both, cooperatively. It is of primary interest to agricultural scientists and advanced students of agriculture.

*Free distribution* is limited to certain libraries and to noncommercial institutions, departments, stations, or laboratories. It is not sent to individuals. Apply to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Domestic subscription, \$2.25 a year, single copies, 10¢ each. Foreign subscription, \$3.00 a year, single copies, 20¢ each. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### Separates from the Journal of Agricultural Research

*Content.*—Each article in the Journal is printed as a "separate."

*Free distribution* is in general limited to the originating bureau or station for its staff and cooperators.

*Sales distribution.*—Single copies, 5¢ each, domestic; 8¢ a copy, foreign. The prices of separates may vary slightly depending on their size. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES

*Content.*—This list is issued each month. It gives the author, title and issuing bureau or office of each printed publication issued by the Department during the preceding month. It also lists and describes any motion picture released.

*Distribution* is free. This list will be sent to anyone who requests it. Apply to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

#### NEWS FOR FARMER COOPERATIVES

*Content.*—News for Farmer Cooperatives contains interpretative and informative articles by research workers and other leaders in agricultural cooperation. It relates to such problems as management, organization, policies, merchandising, sales, costs, competition, and membership of farmers' cooperatives. It is issued monthly and is illustrated.

*Free distribution* is limited to cooperative associations, public institutions, and persons primarily concerned with furthering the cooperative movement among farmers. Apply to the Farm Credit Administration, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 10¢ each; domestic subscription, \$1.00 a year. Foreign subscription, \$1.40 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### NOTICES OF JUDGMENT

*Content.*—Notices of judgment give the essential facts of seizure and

prosecution of cases brought under the Insecticide Act of 1910 and the Federal Insecticide, Fungicide, and Rodenticide Act approved June 25, 1947. Notices are not issued at specific intervals but are published in groups after the termination of the cases in court.

*Distribution* is free. Persons wishing to receive notices of judgment in regard to insecticides, fungicides, and rodenticides may have their names placed on the mailing list by applying to the Production and Marketing Administration, U. S. Department of Agriculture, Washington 25, D. C.

#### RURAL ELECTRIFICATION NEWS

*Content.*—The Rural Electrification News is a bi-monthly review of rural electrification activity, public and private, in the United States. It publishes articles, technical discussions, news items and pictures, on the efficient use of electrical equipment on the farm and in the farm home, on the use and teaching of electricity in schools and colleges, on the use of electricity in rural industry, hospitals and other community enterprises, and on the management of cooperative and other rural electric systems financed by REA.

*Free distribution* is limited to the staff of the Department, to Federal and State agencies active in the rural electrification program, to libraries, educational institutions, the press, and managers and directors of REA-financed organizations. Apply to Rural Electrification Administration, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 15¢ each; domestic subscription, 75¢ a year. Foreign subscription, \$1.00 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

##### Bureau of Animal Industry

*Content.*—The Bureau of Animal Industry issues one announcement monthly, supplemented by a yearly index, for the dissemination of information, instructions, and rulings concerning the work of the Bureau. This announcement also contains statistical information on the progress of animal-disease-control campaigns, and the administration of livestock laws.

*Free distribution* is limited to Department of Agriculture officials, establishments where inspection work is conducted, certain public officers, and journals especially concerned. Apply to the Bureau of Animal Industry, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 5¢ each; domestic subscription, 25¢ a year. Foreign subscription, 45¢ a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

##### Bureau of Entomology and Plant Quarantine

*Content.*—The Bureau of Entomology and Plant Quarantine issues quarterly, as Service and Regulatory Announcements, quarantines, regulations, and related matter issued during the period covered. The quarantines and regulations are promulgated by the Secretary of Agriculture under the Plant Quarantine Act of 1912 to protect our agriculture from the introduction and dissemination of injurious insects and plant diseases.

*Distribution* is free. A mailing list to receive copies of this series as issued is maintained for the use of Department of Agriculture workers and co-operators, agricultural experiment stations, State agricultural colleges, libraries, and the press. Single copies are also available. For list of available quarantines and regulations, see page 151. Apply to the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C.

##### Production and Marketing Administration

*Content.*—Publications in this series of announcements contain specifications of standards for cotton, livestock, meats, wool, potatoes, and tobacco. They also include rules and regulations of the Secretary of Agriculture governing the inspection and certification of farm products, and rules and regulations for the enforcement of the following acts: Cotton Futures Act, Cotton



Standards Act, Export Apple and Pear Act, Federal Insecticide, Fungicide and Rodenticide Act, Federal Seed Act, Grain Standards Act, Insecticide Act of 1910, Naval Stores Act, Packers and Stockyards Act, Perishable Agricultural Commodities Act, Produce Agency Act, Standard Container Acts of 1916 and 1928, Tobacco Inspection Act, and the Warehouse Act.

*Distribution* is free. A mailing list to receive copies of this series as issued is maintained for the use of persons interested in regulatory work. Single copies are also available. See list, pages 156-157. Apply to the Production and Marketing Administration, U. S. Department of Agriculture, Washington 25, D.C.

#### SOIL CONSERVATION

*Content.*—This is a monthly, illustrated periodical concerned with soil and water conservation. Now in its thirteenth year, Soil Conservation publishes a wide variety of technical, popular and news articles. It features "farmer experience" stories and tells of plants and practices important to erosion control. Special attention is given to the activities of soil conservation districts, and to the work of the Soil Conservation Service.

*Free distribution* is limited to a very small number of workers and official cooperators of the Department engaged in soil conservation activities, to libraries, agricultural colleges, experiment stations, and similar institutions. Apply to the Soil Conservation Service, U. S. Department of Agriculture, Washington 25, D. C.

*Sales distribution.*—Single copies, 10c each; domestic subscription, \$1.00 a year. Foreign subscription, \$1.50 a year. When remitting for a subscription to be sent to a foreign country do not include postage. Send request and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

#### HOW TO OBTAIN MOTION PICTURES

The motion pictures produced by the Motion Picture Service, Office of Information, United States Department of Agriculture are informational and instructional in type. They are designed to aid in disseminating information on agricultural products, their production, distribution, and utilization. They demonstrate improved methods in agriculture and home economics, stress the need for conservation of soil, forests, and other resources, explain the farm credit system, forestry, land use, marketing, rural electrification, and kindred subjects, and help to increase the effectiveness of cooperative extension work.

The Department has available approximately 150 sound and a few silent releases; some are available in both 16mm and 35mm widths; and many are in color. Prints of Department films in the 16mm width may be borrowed from 76 cooperating film libraries in the 48 States, the District of Columbia, and the Territories of Alaska, Hawaii, and Puerto Rico, and may be purchased outright at nominal cost. A listing of the films, with short descriptions, names and addresses of cooperating film libraries, and details regarding their loan and purchase is available from the Motion Picture Service, Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

#### HOW TO OBTAIN PHOTOGRAPHS

Reproductions of photographs which have been obtained in connection with the authorized work of the United States Department of Agriculture may be purchased from the Department. Prices for prints and enlargements will be quoted upon request. However, no reproductions will be made for applicants other than Federal agencies until payment for them has been received. A minimum charge of 25¢ per order will be made on all orders.

No photographs will be sent on approval or for selection. Neither will the Department furnish reproductions when it is believed that they may be used to show, by implication or otherwise, that the Department endorses any commercial product. In reproducing photographs the source should be clearly indicated in all cases.

When ordering photographs of illustrations appearing in Department publications the figure number, title, number, and date of issuance of each publication should be given. All inquiries should be addressed to the bureau which issued the material from which reproductions are desired. If the issuing bureau is not known, requests should be addressed to the Office of Information, U. S. Department of Agriculture, Washington 25, D. C.

## HOW TO OBTAIN SLIDEFILMS

Slidefilms in series cover a variety of agricultural and home economics subjects and are accompanied by supplementary notes for lecture use. A price list of available slidefilms, which are for sale only, is issued each year. It may be obtained from the Extension Service, U. S. Department of Agriculture, Washington 25, D. C.

## AGRICULTURAL EXPERIMENT STATIONS IN THE UNITED STATES

The agricultural experiment stations study problems relating to the agriculture of the States, and publish the results of such investigations. The publications issued by them usually constitute the most authoritative information available on the subjects treated, and can be obtained from the Director of the Station, usually free of charge. This list gives the post office addresses of the agricultural experiment stations in the United States.

<i>State</i>	<i>City</i> (postal zone number, if any)	<i>State</i>	<i>City</i> (postal zone number, if any)
Alabama.....	Auburn.	Montana.....	Bozeman.
Alaska.....	College.	Nebraska.....	Lincoln 1.
Arizona.....	Tucson.	Nevada.....	Reno.
Arkansas.....	Fayetteville.	New Hampshire.....	Durham.
California.....	Berkeley 4.	New Jersey.....	New Brunswick.
Colorado.....	Fort Collins.	New Mexico.....	State College.
Connecticut:		New York:	
State station.....	New Haven 4.	State station.....	Geneva.
Storrs station.....	Storrs.	Cornell station.....	Ithaca.
Delaware.....	Newark.	North Carolina.....	Raleigh.
Florida.....	Gainesville.	North Dakota.....	Fargo.
Georgia:		Ohio.....	Wooster.
State station.....	Experiment.	Oklahoma.....	Stillwater.
Coastal plain station.....	Tifton.	Oregon.....	Corvallis.
Hawaii.....	Honolulu 10.	Pennsylvania.....	State College.
Idaho.....	Moscow.	Puerto Rico.....	Rio Piedras.
Illinois.....	Urbana.	Rhode Island.....	Kingston.
Indiana.....	LaFayette.	South Carolina.....	Clemson.
Iowa.....	Ames.	South Dakota.....	Brookings.
Kansas.....	Manhattan.	Tennessee.....	Knoxville 16.
Kentucky.....	Lexington 29.	Texas.....	College Station.
Louisiana.....	Baton Rouge 3.	Utah.....	Logan.
Maine.....	Orono.	Vermont.....	Burlington.
Maryland.....	College Park.	Virginia:	
Massachusetts.....	Amherst.	College station.....	Blacksburg.
Michigan.....	East Lansing.	Truck station.....	Norfolk 1.
Minnesota.....	University Farm, St. Paul 1.	Washington.....	Pullman.
Mississippi.....	State College.	West Virginia.....	Morgantown.
Missouri.....	Columbia.	Wisconsin.....	Madison 6.
		Wyoming.....	Laramie.

## LIST OF DEPOSITORY LIBRARIES

The following libraries by law automatically receive copies of all Department of Agriculture publications as they are issued. Anyone may consult them during library business hours.

<i>State</i>	<i>Name of Library</i>	<i>City</i> (postal zone number, if any)
Alabama.....	Public Library..... Department of Archives and History Library, State Capitol..... University of Alabama Library.....	Birmingham 3.  Montgomery 5.
Arizona.....	Department of Library and Archives..... Gila Junior College Library..... University of Arizona Library.....	Phoenix. Thatcher. Tucson.
Arkansas.....	University of Arkansas Library.....	Fayetteville.
California.....	University of California Library..... Pomona College Library..... Eureka Free Library..... Fresno County Free Library..... Los Angeles Public Library..... University of California at Los Angeles Library..... California State Library..... San Francisco Public Library..... Stanford University Library.....	Berkeley 4. Claremont. Eureka. Fresno 1. Los Angeles 13. Los Angeles 24. Sacramento 9. San Francisco 2. Stanford University
Colorado.....	University of Colorado Library..... Colorado State College of Agriculture and Mechanic Arts Library.....	Boulder. Fort Collins.



## Libraries—Continued

<i>State</i>	<i>Name of Library</i>	<i>City</i> (postal zone number, if any)
Connecticut.....	Connecticut State Library.....	Hartford 1.
	Trinity College Library.....	Hartford 6.
	Wesleyan University Library.....	Middletown.
	Yale University of Connecticut.....	New Haven.
	University of Connecticut.....	Storrs.
Delaware.....	Wilmington Institute Free Library.....	Wilmington 28.
District of Columbia....	The Library of Congress.....	Washington 25.
Florida.....	University of Miami Law Library.....	Coral Gables 34.
	University of Florida Library.....	Gainesville.
Idaho.....	University of Idaho Library.....	Moscow.
	Idaho State College Library.....	Pocatello.
Illinois.....	Chicago Public Library, Document Department....	Chicago 2.
	John Crerar Library.....	Chicago 1.
	University of Chicago Libraries.....	Chicago 37.
	Northwestern University Library.....	Evanston.
	Illinois State Library.....	Springfield.
	University of Illinois Library.....	Urbana.
Indiana.....	Indiana University Library.....	Bloomington.
	Public Library.....	Fort Wayne 2.
	Indiana State Library.....	Indianapolis 4.
Iowa.....	State University of Iowa Library.....	Iowa City.
Kansas.....	University of Kansas Library.....	Lawrence.
Kentucky.....	University of Kentucky Library.....	Lexington 29.
	Louisville Free Public Library.....	Louisville 3.
Louisiana.....	Howard-Tilton Memorial Library.....	New Orleans 15.
	Louisiana State University Library.....	Baton Rouge 3.
Maine.....	University of Maine Library.....	Orono.
Maryland.....	Enoch Pratt Free Library.....	Baltimore 1.
	Johns Hopkins University Library.....	Baltimore 18.
Massachusetts.....	Boston Public Library.....	Boston 17.
	State Library of Massachusetts.....	Boston 33.
	Littauer Center, Harvard University Library.....	Cambridge 38.
	Free Public Library.....	Worcester 8.
Michigan.....	University of Michigan General Library.....	Ann Arbor.
	Detroit Public Library.....	Detroit 2.
Minnesota.....	University of Minnesota Library.....	Minneapolis 14.
	Minnesota State Library.....	St. Paul 1.
	St. Paul Public Library.....	St. Paul 2.
Mississippi.....	University of Mississippi Library.....	University.
Missouri.....	University of Missouri Library.....	Columbia.
	Kansas City Public Library.....	Kansas City 6.
	St. Louis Public Library.....	St. Louis 3.
Montana.....	Helena Public Library.....	Helena.
Nebraska.....	Municipal University of Omaha Library.....	Omaha 1.
Nevada.....	Nevada State Library.....	Carson City.
	University of Nevada Library.....	Reno.
New Jersey.....	Rutgers University Library.....	New Brunswick.
	New Jersey State Library.....	Trenton 7.
New Mexico.....	University of New Mexico Library.....	Albuquerque.
	New Mexico State Law Library.....	Santa Fe.
New York.....	New York State Library.....	Albany 1.
	College of the City of New York Library.....	New York 31.
	Columbia University Library, South Hall.....	New York 27.
	New York Public Library, Astor Branch.....	New York 18.
	New York Public Library, Lenox Branch.....	New York 18.
	Cornell University Library.....	Ithaca.
	University of Rochester, Rush Rhees Library.....	Rochester 3.
	Union College Library.....	Schenectady 8.
North Carolina.....	University of North Carolina Library.....	Chapel Hill.
	Duke University Library.....	Durham.
	Agricultural and Technical College Library.....	Greensboro.
	North Carolina State College, D. H. Hill Library.....	Raleigh.
Ohio.....	Bowling Green State University Library.....	Bowling Green.
	Public Library.....	Cincinnati 2.
	Adelbert College Library of Western Reserve Uni- versity.....	Cleveland 6.
	Cleveland Public Library.....	Cleveland 14.
	Ohio State Library.....	Columbus 15.
	Ohio State University Library.....	Columbus 10.
	Dayton Public Library.....	Dayton 2.
	Oberlin College Library.....	Oberlin.
	Miami University Library.....	Oxford.
	Toledo Public Library.....	Toledo 2.
Oklahoma.....	Southeastern Teachers College Library.....	Durant.
	University of Oklahoma Library.....	Norman.
	Oklahoma State Library.....	Oklahoma City 5.
	Agricultural and Mechanical College Library.....	Stillwater.
Oregon.....	Library Association of Portland.....	Portland 5.
	Oregon State Library.....	Salem.
Pennsylvania.....	Muhlenberg College Library.....	Allentown.
	Pennsylvania State Library.....	Harrisburg.

## Libraries—Continued

<i>State</i>	<i>Name of Library</i>	<i>City</i> (postal zone number, if any)
	Free Library of Philadelphia, Logan Square.....	Philadelphia 3.
	Carnegie Library.....	Pittsburgh 13.
	Reading Public Library.....	Reading.
	Pennsylvania State College Library.....	State College.
Rhode Island.....	Rhode Island State Library.....	Providence 2.
South Carolina.....	Clemson College Library.....	Clemson.
South Dakota.....	Lincoln Memorial Library.....	Brookings.
	University of South Dakota Library.....	Vermillion.
Tennessee.....	University of Tennessee Library.....	Knoxville 16.
	Joint University Libraries.....	Nashville 4.
Texas.....	Texas State Library.....	Austin.
	The West Texas State Teachers College Library.....	Canyon.
	Dallas Public Library.....	Dallas 1.
	Fort Worth Public Library.....	Fort Worth 2.
	Rosenberg Library.....	Galveston.
	Houston Public Library.....	Houston 2.
	Texas Technological College Library.....	Lubbock.
	Carnegie Library.....	San Antonio 5.
Utah.....	Brigham Young University Library.....	Provo.
Virginia.....	Virginia State Library.....	Richmond 19.
	University of Virginia Library.....	University Station, Charlottesville.
Washington.....	Washington State Library.....	Olympia.
	State College of Washington Library.....	Pullman.
	Seattle Public Library.....	Seattle 4.
	University of Washington Library.....	Seattle 5.
West Virginia.....	West Virginia University Library.....	Morgantown.
Wisconsin.....	Milwaukee Public Library.....	Milwaukee 3.
Wyoming.....	University of Wyoming Library.....	Laramie.

## AGRICULTURAL ECONOMICS

## GENERAL

## Agricultural War Information Series:

W 105. Shall I be a farmer? 1944; slightly revised 1946.

## Discussion Series:

DS 19. Getting at the facts about agriculture: Program building. 1940.

DS 25. Let's talk about buying and selling farm products abroad. 1944.

## Farmer and the War Series:

\*FW 3. Farmers and a stable economy. 1942. 5¢. For sale only.

FW 5. American farmers and the United Nations Conference on Food and Agriculture. 1943.

FW 7. What post-war policies for Agriculture? 1944.

## Miscellaneous Publications:

\*M 52. How to find economic facts and apply them as a basis for extension programs in home economics, dairying, and forestry. 1929. 5¢. For sale only.

\*M 205. Economic and social problems and conditions of the Southern Appalachians. 1935. 50¢. For sale only.

\*M 367. Rural population density in the Southern Appalachians. 1940. 25¢. For sale only.

M 562. What peace can mean to American farmers: Post-war agriculture and employment. 1945.

\*M 570. What peace can mean to American farmers: Maintenance of full employment. 1945. 10¢. For sale only.

M 582. What peace can mean to American farmers: Expansion of foreign trade. 1945.

M 583. The balance sheet of agriculture, 1945. 1945.

M 589. What peace can mean to American farmers: Agricultural policy. 1945.

M 595. Peacetime adjustments in farming. 1945.

M 620. The balance sheet of agriculture, 1946. 1947.

M 642. The balance sheet of agriculture, 1947. 1948.

## Miscellaneous Circulars:

\*MC 32. Practical farm economics. 1924. 40¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Technical Bulletins:**

- \*T 709. Supply responses in milk production in the Cabot-Marshfield area, Vermont. 1940. 10¢. For sale only.
- \*T 750. Supply responses in milk production in Dodge and Barron Counties, Wisconsin. 1941. 15¢. For sale only.
- T 789. Supply responses in milk production in southeastern Minnesota. 1941.
- T 812. The competitive position of dairying in southern New England. 1942.

**Yearbooks:**

- \*YB 1940. Farmers in a changing world. \$1.50. For sale only.

**Yearbook Separates:**

- YS 1727. Farmers in a changing world—A summary. 1940.
- \*YS 1732. The development of agricultural policy since the end of the World War. 1940. 10¢. For sale only.
- YS 1734. The farmer's stake in greater industrial production. 1940.
- YS 1743. The influence of technical progress on agricultural production. 1940.
- YS 1768. Beyond economics. 1940.

**Unnumbered:**

- \*Atlas of American Agriculture. 1936. \$17.00. For sale only.
- \*Achieving a balanced agriculture: How the National Farm Program meets the changing problem. 1934; revised 1940. 10¢. For sale only.
- \*Barriers to internal trade in farm products. 1939. 25¢. For sale only.
- \*Economic analysis of the Food Stamp Plan. 1940. 20¢. For sale only.
- \*1949 Agricultural outlook charts. 1948. 45¢. For sale only.

**LAND ECONOMICS****Farmers' Bulletins:**

- F 1983. Farm fishponds for food and good land use. 1947.

**Circulars:**

- C 690. The farm real estate situation, 1942-43. 1943.
- C 721. The farm real estate situation, 1943-44. 1945.
- C 743. The farm real estate situation, 1944-45. 1946.
- C 754. The farm real estate situation, 1945-46. 1946.
- C 780. The farm real estate situation, 1946-47. 1948.

**Discussion Series:**

- DS 21. Getting established on the land. 1941.
- DS 27. Let's talk about farm leases and how they can be improved. 1945.

**Miscellaneous Publications:**

- M 263. A graphic summary of the value of farm property. 1937.
- M 266. A graphic summary of the number, size, and type of farm, and value of products. 1937.
- \*M 308. Toward farm security. 1938. 10¢. For sale only.
- M 442. New settlement in the Mississippi Delta. 1941.
- M 463. A method of estimating the economic effects of planned conservation on an individual farm. 1942.
- M 512. A graphic summary of farm crops. 1943.

**Technical Bulletins:**

- \*T 687. A land program for Forest County, Wisconsin: Based on an analysis of land use problems. 1939. 15¢. For sale only.
- T 963. Efficient use of food resources in the United States. 1948.

**Yearbook Separates:**

- YS 1792. Climate and settlement in the Great Plains. 1941.

**Unnumbered:**

- Land use adjustment in the Spring Creek area, Campbell County, Wyoming. 1939.
- New patterns of land use in two Southern States. 1939.
- Proceedings of the National Conference on Land Utilization, Chicago, Ill., November 19-21, 1931. 1932.
- State legislation for better land use. 1941.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Posters:**

Land-use adjustment areas. 30 by 40 inches. Colored. 1940.

**AGRICULTURAL FINANCE**

(See also pages 152-154.)

**Farmers' Bulletins:**

- F 1614. Business records for poultry keepers. 1929; slightly revised 1946.
- \*F 1715. Methods and costs of husking corn in the field. 1933. 5¢. For sale only.
- F 1962. Useful records for family farms. 1944.

**Leaflets:**

- \*L 73. Is the public market a good civic investment? 1931; slightly revised 1940. 5¢. For sale only.
- L 123. The farmer's share of the consumer's food dollar. 1937; revised 1946.

**Circulars:**

- \*C 54. Development and problems in farmers' mutual fire insurance. 1928. 5¢. For sale only.
- \*C 240. What Ohio farmers think of farmer-owned business organizations in that state. 1932. 5¢. For sale only.
- C 358. The forest-tax problem and its solution summarized. 1935.
- \*C 414. Farmer bankruptcies, 1898-1935. 1936. 5¢. For sale only.
- C 688. Farm adjustments and income on typical Corn Belt farms. 1943.
- C 690. The farm real estate situation, 1942-43. 1943.
- C 721. The farm real estate situation, 1943-44. 1945.
- C 743. The farm real estate situation, 1944-45. 1946.
- C 754. The farm real estate situation, 1945-46. 1946.
- C 780. The farm real estate situation, 1946-47. 1948.

**Miscellaneous Publications:**

- \*M 262. A graphic summary of farm taxation. 1937. 5¢. For sale only.
- \*M 464. Changes in assets and liabilities of families. Five regions. (Consumer purchases study—urban, village, farm.) 1941. 25¢. For sale only.
- M 478. Farm-mortgage credit facilities in the United States. 1942.
- M 488. Financing production of food for freedom. 1942.
- M 489. Family spending and saving as related to age of wife and age and number of children. 1942.
- \*M 520. Rural family spending and saving in wartime. 1943. 20¢. For sale only.
- M 554. Farm bookkeeping and the Federal income tax. 1944.
- M 567. Impact of the war on the financial structure of agriculture. 1945.
- M 599. Farm and home financial planning. 1946.
- M 621. Life insurance for farm families. 1947.
- M 652. Managing farm finances. 1948.
- \*M 653. How families use their incomes. 1948. 30¢. For sale only.

**Separates from Agricultural Statistics:**

- SA 69. Farm capital and income statistics. 1942.
- SA 70. Agricultural adjustment and conservation statistics. 1942.
- SA 80. Farm capital and income statistics. 1943.
- SA 81. Agricultural conservation and adjustment statistics. 1943.
- SA 91. Farm capital and income statistics. 1944.
- SA 92. Agricultural conservation and adjustment statistics. 1944.
- SA 102. Farm capital and income statistics. 1945.
- SA 103. Agricultural conservation and adjustment statistics. 1945.

**Technical Bulletins:**

- \*T 651. Forest fire insurance in the Northeastern States. 1939. 10¢. For sale only.
- \*T 700. Costs of tractor logging in southern pine. 1939. 15¢. For sale only.
- T 777. Country banking in Wisconsin during the depression. 1941.

**Yearbook Separates:**

- YS 1998. Planning farm returns. 1947.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Unnumbered:**

Farm family account book. 1935.

**AGRICULTURAL LABOR****Miscellaneous Publications:**

M 261. A graphic summary of farm tenure. 1936.

**Yearbook Separates:**

YS 1983. Simplifying farm work. 1947. 5¢. For sale only.

**FARM MANAGEMENT****Farmers' Bulletins:**

F 1045. Laying out fields for tractor plowing. 1919; revised 1945.

F 1132. Planning the farmstead. 1920; revised 1931.

F 1526. Clearing land of brush and stumps. 1927; revised 1946.

F 1940. Woodlands in the farm plan. 1943.

\*F 1961. Getting started in farming. 1944; slightly revised 1945. 10¢. For sale only.

F 1962. Useful records for family farms. 1944.

F 1965. Planning the farm for profit and stability. 1945; slightly revised 1946.

F 1966. Part-time farming. 1945; slightly revised 1948.

F 1969. Better farm leases. 1945; slightly revised 1946.

**Leaflets:**

L 249. What is a conservation farm plan? 1948.

**Miscellaneous Publications:**

M 485. Seedtime and harvest today. 1942.

\*M 496. Wartime farming on the southern Great Plains. 1942. 10¢. For sale only.

\*M 497. Wartime farming on the northern Great Plains. 1942. 10¢. For sale only.

M 517. Farming for greater production of war crops in the Intermountain and Southwestern Country. 1943.

\*M 627. Your farm lease. 1947. 5¢. For sale only.

**Technical Bulletins:**

\*T 464. Agricultural investigations on the Newlands (Nev.) reclamation project. 1935. 5¢. For sale only.

T 536. Crop rotation and tillage experiments at the Northern Great Plains Field Station, Mandan, N. Dak. 1936.

**Yearbooks:**

\*YB 1936. Better plants and animals—I. \$1.25. For sale only.

\*YB 1940. Farmers in a changing world. \$1.50. For sale only.

\*YB 1941. Climate and man. \$1.75. For sale only.

\*YB 1942. Keeping livestock healthy. \$1.75. For sale only.

\*YB 1943-47. Science in farming. \$2.00. For sale only.

\*YB 1948. Grass. \$2.00. For sale only.

**Yearbook Separates:**

\*YS 1624. Tillage. 1938. 5¢. For sale only.

\*YS 1956. Ways to till the soil. 1947. 5¢. For sale only.

\*YS 1983. Simplifying farm work. 1947. 5¢. For sale only.

**Unnumbered:**

North Carolina farm handbook, 1941; State and Federal agricultural services.

**PART-TIME FARMING****Farmers' Bulletins:**

F 1753. Livestock for small farms. 1936; slightly revised 1942.

F 1966. Part-time farming. 1945; slightly revised 1948.

**Agricultural Information Series:**

IS 14. If you're thinking of a little place in the country. 1945.

**Miscellaneous Publications:**

M 538. Growing vegetables in town and city. 1944; slightly revised 1945.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## AGRICULTURAL ENGINEERING

## ELECTRICITY

(See also pages 157-158.)

## Farmers' Bulletins:

F 1858. Electric motors for the farm. 1940.

## Agricultural War Information Series:

W 20. How to make your electric cords last longer. 1943.

## Unnumbered:

Electrified farms for the GI's. 1945.

## HEATING AND LIGHTING

## Farmers' Bulletins:

F 1318. Greenhouse construction and heating. 1923; slightly revised 1937.

F 1889. Fireplaces and chimneys. 1941.

## Circulars:

C 406. Oil burners for home heating. 1936.

## Technical Bulletins:

T 822. Factors affecting temperatures in southern farmhouses. 1942.

## Unnumbered:

\*Camp stoves and fireplaces. (Paper cover.) 1937. 50¢. For sale only.

## MACHINERY AND EQUIPMENT

## Farmers' Bulletins:

F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.

F 948. The rag-doll seed tester; Its use in determining what ears of corn are fit for seed. 1918.

F 976. Cooling milk and cream on the farm. 1918; slightly revised 1932.

F 1078. Harvesting and storing ice on the farm. 1920; revised 1933.

\*F 1315. Cleaning milking machines. 1923; revised 1939. 5¢. For sale only.

\*F 1460. Simple plumbing repairs in the house. 1925; slightly revised 1948. 5¢. For sale only.

F 1490. Hog-lot equipment. 1926; slightly revised 1940.

\*F 1584. Feed-lot and ranch equipment for beef cattle. 1929; revised 1940. 5¢. For sale only.

F 1675. Care of milk utensils on the farm. 1931.

F 1678. Safe use and storage of gasoline and kerosene on the farm. 1932; revised 1945.

F 1690. Plowing with moldboard plows. 1932; revised 1945.

\*F 1715. Methods and costs of husking corn in the field. 1933. 5¢. For sale only.

\*F 1729. Machinery for dusting cotton. 1934. 5¢. For sale only.

F 1754. Care and repair of mowers and binders. 1936; revised 1942.

\*F 1761. Harvesting with combines. 1936; revised 1947. 15¢. For sale only.

\*F 1797. Implements and methods of tillage to control soil blowing on the northern Great Plains. 1938. 5¢. For sale only.

F 1801. Making lime on the farm. 1938.

F 1802. Modernizing cotton gins. 1938; slightly revised 1939.

F 1816. Mechanizing the corn harvest. 1938.

F 1818. Mechanical milk cooling on the farm. 1938; slightly revised 1946.

F 1821. Containers for fruits and vegetables. 1939.

F 1832. Farm fences. 1940; slightly revised 1944.

F 1858. Electric motors for the farm. 1940.

F 1907. Equipment and methods for harvesting farm woodland products. 1942.

F 1931. Care and use of rope on the farm. 1943.

\*F 1933. Sugar-beet blocking by machinery. 1943. 5¢. For sale only.

F 1992. Disk plows and their operation. 1948.

## Leaflets:

L 107. The barrel seed scarifier. 1934.

\*L 169. Preventing gin damage to cotton. 1938. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Leaflets—Continued**

- \*L 202. Grafting-wax melter. 1940. 5¢. For sale only.
- L 216. Cotton gin maintenance. 1942.
- L 217. Ginning cotton for pure seed preservation. 1942; slightly revised 1943.

**Circulars:**

- C 99. Equipment for city milk plants. 1929; revised 1941.
- C 321. Use of farm machinery for corn-borer control in the one-generation area. 1934.
- C 393. Care and maintenance of cotton-gin saws and ribs. 1936; revised 1939.
- \*C 467. Care and repair of cotton-gin brushes. 1938. 5¢. For sale only.
- \*C 510. Air-blast gin performance and maintenance. 1938. 5¢. For sale only.
- C 599. A combination suspended-load sampler and velocity meter for small streams. 1941.
- C 621. A practical seed-cotton moisture tester for use at gins. 1941.
- \*C 627. Fruit pressure testers and their practical applications. 1941. 5¢. For sale only.
- C 630. Improved Bates laboratory aspirator. 1942.

**Miscellaneous Publications:**

- M 239. The vertical drier for seed cotton. 1936; revised 1941.
- M 264. A graphic summary of farm machinery, facilities, roads, and expenditures. (Based largely on the Census of 1930 and 1935.) 1937.
- \*M 314. Overhead cleaner-drying systems for seed cotton. 1938. 5¢. For sale only.
- \*M 372. A survey and discussion of lysimeters and a bibliography on their construction and performance. 1940. 10¢. For sale only.
- M 415. Family expenditures for automobile and other transportation. Five regions. (Consumer purchases study—Urban, village, farm.) 1941. 30¢. For sale only.
- M 630. Progress of farm mechanization. 1948.

**Technical Bulletins:**

- \*T 503. Effects of gin-saw speed and seed-roll density on quality of cotton lint and operation of gin stands. 1936. 10¢. For sale only.

**Yearbook Separates:**

- Y 1743. The influence of technical progress on agricultural production. 1940.
- \*Y 1982. Some new farm machines. 1947. 10¢. For sale only.
- \*Y 1983. Simplifying farm work. 1947. 5¢. For sale only.
- Y 1984. Machines for sweetpotatoes. 1947.
- \*Y 1985. New fertilizer machines. 1947. 5¢. For sale only.
- \*Y 1989. Equipment for oil crops. 1947. 5¢. For sale only.
- \*Y 1990. New sugar-beet machinery. 1947. 5¢. For sale only.

**STRUCTURES AND RURAL HOUSING****Farmers' Bulletins:**

- F 744. The preservative treatment of farm timbers. 1916; revised 1928.
- F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.
- \*F 1267. Utilization of flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. 5¢. For sale only.
- F 1318. Greenhouse construction and heating. 1923; slightly revised 1937.
- F 1442. Storage of sweetpotatoes. 1925; revised 1948.
- \*F 1452. Painting on the farm. 1925. 10¢. For sale only.
- F 1487. Practical hog houses. 1926; slightly revised 1937.
- \*F 1500. Rammed earth walls for buildings. 1926; slightly revised 1937. 10¢. For sale only.
- F 1554. Poultry houses and fixtures. 1928; revised 1934.
- F 1572. Making cellars dry. 1929; slightly revised 1938.
- \*F 1582. Protection of log cabins, rustic work, and unseasoned wood from injurious insects. 1929; slightly revised 1943. 10¢. For sale only.
- F 1636. Farm bulk storage for small grains. 1930; slightly revised 1940.
- \*F 1643. Fire safeguards for the farm. 1930; revised 1939. 10¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers Bulletins—Continued**

- F 1660. The use of logs and poles in farm construction. 1931; slightly revised 1948.
- \*F 1738. Farmhouse plans. 1934; slightly revised 1935. 15¢. For sale only.
- F 1749. Modernizing farmhouses. 1935; slightly revised 1944.
- F 1751. Roof coverings for farm buildings and their repairs. 1935; slightly revised 1948.
- F 1756. Selection of lumber for farm and home building. 1936.
- F 1772. Use of concrete on the farm. 1937; slightly revised 1944.
- F 1820. Silo types and construction. 1931; revised 1948.
- F 1865. Closets and storage spaces. 1940.
- F 1869. Foundations for farm buildings. 1941.
- F 1889. Fireplaces and chimneys. 1941.
- F 1911. Preventing damage to buildings by subterranean termites and their control. 1942; slightly revised 1946.
- F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.
- F 1975. Farm buildings from home-grown timber in the south. 1945.
- F 1993. Decay and termite damage in houses. 1948.

**Leaflets:**

- \*L 56. Preventing cracks in new wood floors. 1930. 5¢. For sale only.
- \*L 62. Why some wood surfaces hold paint longer than others. 1930. 5¢. For sale only.
- L 124. Sash greenhouses. 1937; slightly revised 1946.

**Circulars:**

- \*C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. 10¢. For sale only.
- \*C 637. Wheat storage in experimental farm-type bins. 1942. 30¢. For sale only.
- C 683. Effectiveness of wood preservatives in preventing attack by termites. 1943.
- \*C 701. Hog-housing requirements. 1944. 5¢. For sale only.
- \*C 722. Functional requirements in designing dairy barns. 1945. 10¢. For sale only.
- \*C 738. Functional requirements in designing laying houses for poultry. 1945. 5¢. For sale only.
- C 762. The small rural industry—A study of the possibility of making insulating board from straw. 1947.

**Miscellaneous Publications:**

- \*M 272. Construction of private driveways. 1937. 10¢. For sale only.
- \*M 278. Plans of farm buildings for the Northeastern States. 1937. 60¢. For sale only.
- \*M 319. Plans of farm buildings for the Western States. 1939. 60¢. For sale only.
- M 358. Use and abuse of wood in house construction. 1939.
- \*M 360. Plans of farm buildings for Southern States. 1940. 60¢. For sale only.
- M 579. Building with logs. 1945.
- \*M 619. Your farmhouse . . . how to plan remodeling. 1947. 15¢. For sale only.
- \*M 622. Your farmhouse cut-outs to help in planning. 1947. 25¢. For sale only.
- M 629. Wood properties and paint durability. 1947.
- \*M 633. Your farmhouse . . . insulation and weatherproofing. 1948. 10¢. For sale only.
- \*M 638. Your farmhouse . . . planning the bathroom. 10¢. For sale only.
- \*M 646. A step-saving U kitchen. 1948. 10¢. For sale only.

**Program Aids:**

- PA 41. Rat control methods. 1948.

**Technical Bulletins:**

- \*T 804. Classification of house and barn paints. 1942. 10¢. For sale only.
- T 822. Factors affecting temperatures in southern farmhouses. 1942.

**Yearbook Separates:**

- YS 1995. Prefabrication on the farm. 1947.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**WATER SUPPLY****Farmers' Bulletins:**

- F 1078. Harvesting and storing ice on the farm. 1920; revised 1933.  
 F 1426. Farm plumbing. 1924; slightly revised 1946.  
 \*F 1460. Simple plumbing repairs in the home. 1925; slightly revised 1948.  
     5¢. For sale only.  
 F 1859. Stock-water developments: Wells, springs, and ponds. 1940.  
 F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.  
 F 1978. Safe water for the farm. 1946, slightly revised 1948.

**Agricultural Information Series:**

- IS 44. Water for the modern farmstead. 1946.

**ANIMAL INDUSTRIES****LIVESTOCK—GENERAL****Care and Management****Farmers' Bulletins:**

- \*F 1721. Determining the age of farm animals by their teeth. 1934. 5¢.  
     For sale only.  
 F 1753. Livestock for small farms. 1936; slightly revised 1942.  
 F 1859. Stock-water developments: Wells, springs, and ponds. 1940.

**Leaflets:**

- \*L 51. Improving cattle in areas freed of ticks. 1929. 5¢. For sale only.

**Circulars:**

- \*C 567. Artificial insemination in livestock breeding. 1940. 20¢. For sale only.

**Technical Bulletins:**

- \*T 765. Effect of crossing inbred lines of guinea pigs. 1941. 5¢. For sale only.

**Yearbooks:**

- \*YB 1936. Better plants and animals—I. \$1.25. For sale only.

**Yearbook Separates:**

- YS 1815. Climate and livestock production. 1941.  
 \*YS 1895. Breeding better livestock. 1947. 10¢. For sale only.  
 \*YS 1901. Artificial breeding. 1947. 5¢. For sale only.  
 YS 1902. Hormones in reproduction. 1947.

**Diseases and Insects****Farmers' Bulletins:**

- F 666. Foot-and-mouth disease. 1915; revised 1938.  
 \*F 980. The spinose ear tick and methods of treating infested animals.  
     1918; revised 1947. 5¢. For sale only.  
 \*F 988. Larkspur or "poison weed." 1918; revised 1934. 5¢. For sale only.  
 \*F 1054. The loco-weed disease. 1919; revised 1936. 5¢. For sale only.  
 F 1069. Tuberculosis in livestock: Detection, control and eradication. 1919;  
     slightly revised 1939.  
 F 1736. Anthrax. 1934.  
 F 1991. The use of disinfectants on the farm. 1947.

**Leaflets:**

- \*L 88. Poisoning of livestock by plants that produce hydrocyanic acid.  
     1932; slightly revised 1940. 5¢. For sale only.

**Circulars:**

- \*C 454. Preparation of pathological specimens from animal tissues and  
     their mounting under watch glasses. 1938; slightly revised 1945.  
     5¢. For sale only.

**Department Circulars:**

- \*DC 249. Tuberculin testing of livestock. 1922; revised 1936. 5¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications:**

M 59. Reliability of the tuberculin test. 1929; revised 1931.

**Poster:**

Help eradicate scabies. 14 by 19 inches. Colored. 1928; revised 1938.

**Program Aids:**

PA 46. Help protect the United States from foot-and-mouth disease. 1948; revised 1948.

**Yearbooks:**

\*YB 1942. Keeping livestock healthy. \$1.75. For sale only.

**Yearbook Separates:**

\*YS 1870. Losses caused by animal diseases and parasites. 1942. 5¢. For sale only.

YS 1872. Protective mechanisms against disease. 1942.

\*YS 1873. The endocrine glands in health and disease. 1942. 5¢. For sale only.

YS 1874. The relation of genetics to disease. 1942.

\*YS 1876. Disinfection and disinfectants. 1942. 5¢. For sale only.

YS 1877. How research aids in disease control. 1942.

YS 1878. Regulatory activities in animal-disease control. 1942.

YS 1881. Anthrax. 1942.

YS 1883. Parasites and insects affecting livestock. 1942.

Separate from YS 1892. Rabies and its control. 1942.

\*YS 1897. Drugs to control parasites. 1947. 5¢. For sale only.

YS 1898. Animal diseases. 1947.

**Unnumbered:**

- Index-catalogue of medical and veterinary zoology. Part 1. Authors: AALL to AZZOLINA. 1932.
- Index-catalogue of medical and veterinary zoology. Part 2. Authors: B to BY-CHKOV. 1938.
- Index-catalogue of medical and veterinary zoology. Part 3. Authors: C to CZY-GAN. 1939.
- Index-catalogue of medical and veterinary zoology. Part 4. Authors: D to DZUN-KOVSKI. 1940.
- Index-catalogue of medical and veterinary zoology. Part 5. Authors: E to FYN-NEY. 1941.
- Index-catalogue of medical and veterinary zoology. Part 6. Authors: G to GYSER. 1942.
- Index-catalogue of medical and veterinary zoology. Part 7. Authors: H to JUZUKI. 1946.
- Index-catalogue of medical and veterinary zoology. Part 8. Authors: K to KYZER. 1946.
- Index-catalogue of medical and veterinary zoology. Part 9. Authors: L to LYUT-KEVICH. 1946.
- Index-catalogue of medical and veterinary zoology. Part 10. Authors: M to MYSH. 1948.

**Feeds and Feeding****Farmers' Bulletins:**

F 1178. The making and feeding of silage. 1918; revised 1941.

F 1179. Feeding cottonseed products to livestock. 1920; revised 1945.

F 1539. High-grade alfalfa hay: Methods of producing, baling, and loading for market. 1929; revised 1943.

F 1699. Growing root crops for livestock. 1933; slightly revised 1936.

\*F 1764. Growing and feeding grain sorghums. 1936; slightly revised 1946. 10¢. For sale only.

**Agricultural War Information Series:**

W 97. Making high-grade hay. 1944.

**Circulars:**

C 183. Factors for converting percentages of nitrogen in foods and feeds into percentages of protein. 1931; slightly revised 1941.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Circulars:**

MC 12. A handbook for better feeding of livestock. 1924; revised 1947.

**Yearbook Separates:**

YS 1716. Feeding dogs. 1939.

\*YS 1899. New ideas in feeding. 1947. 5¢. For sale only.

**Pasture and Range Management****Farmers' Bulletins:**

F 1782. Indicators of southwestern range conditions. 1937; slightly revised 1947.

F 1859. Stock-water developments: Wells, springs, and ponds. 1940.

F 1900. Pastures to hold and enrich the soil. 1942; slightly revised 1945.

F 1921. Improving range conditions for wartime livestock production. 1942.

\*F 1924. Reseeding to increase the yield of Montana range lands. 1943. 10¢. For sale only.

F 1948. Sagebrush burning . . . good and bad. 1944.

\*F 1949. Judging condition and utilization of short-grass ranges on the central Great Plains. 1944. 10¢. For sale only.

**Leaflets:**

L 180. How to keep and increase black grama on southwestern ranges. 1939; slightly revised 1948.

L 210. Pricklypear control on short-grass range in the central Great Plains. 1941.

L 215. How to graze blue grama on southwestern ranges. 1942.

L 234. Control of mesquite on southwestern ranges. 1943.

L 239. Moderate grazing pays on California annual-type ranges. 1944.

**Agricultural Information Series:**

IS 27. Sagebrush to grass. 1945.

IS 66. Early marketing of range cattle pays. 1947.

**Circulars:**

C 62. The utilization of browse forage as summer range for cattle in southwestern Utah. 1929.

\*C 178. Artificial reseeding on western mountain range lands. 1931. 15¢. For sale only.

C 458. Artificial reseeding on oak-brush range in central Utah. 1938.

C 655. Basis for judging subalpine grassland ranges of Oregon and Washington. 1942.

\*C 666. Influence of lime and fertilizers on pasture establishment and production at Jeanerette, La., 1932 to 1938. 1943. 5¢. For sale only.

\*C 748. Judging mountain meadow range conditions in eastern Oregon and eastern Washington. 1946. 10¢. For sale only.

**Department Bulletins:**

\*DB 790. Range management on the National Forests. 1919. 35¢. For sale only.

**Miscellaneous Publications:**

\*M 355. Hart Mountain Antelope Refuge. 1939. 10¢. For sale only.

M 514. Food for Freedom by better range conservation practices in the Pacific Northwest. 1943.

**Program Aids:**

PA 55. Grass roots conservation for pasture and range. 1948.

**Technical Bulletins:**

\*T 307. Crested wheatgrass as compared with brome grass, slender wheatgrass, and other hay and pasture crops for the northern Great Plains. 1932. 5¢. For sale only.

T 409. The influence of precipitation and grazing upon black grama grass range. 1934.

T 598. The relation of growth to the varying carbohydrate content in mountain brome. 1938.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Technical Bulletins—Continued**

- T 686. Weather and plant-development data as determinants of grazing periods on mountain range. 1939.  
 T 818. Growth and carbohydrate content of important mountain forage plants in central Utah as affected by clipping and grazing. 1942

**Yearbook Separates:**

- \*YS 1997. Regrassing the range. 1947. 5¢. For sale only.

**Unnumbered:**

- \*Revegetating semidesert range lands in the Southwest. 1940. 10¢. For sale only.

**Products and Marketing****Farmers' Bulletins:**

- F 1055. Country hides and skins, skinning, curing, and marketing. 1919; slightly revised 1942.  
 F 1334. Home tanning of leather and small fur skins. 1923; slightly revised 1947.

**Leaflets:**

- L 38. Maintaining the health of livestock in transit. 1929; revised 1931.

**Agricultural War Information Series:**

- IS 47. U. S. meat stamps. 1946.  
 W 75. Freezing meat and poultry products for home use. 1944; slightly revised 1945.

**Circulars:**

- C 706. Meat dehydration. 1944.

**Commodity Statistics:**

- CS 3. Livestock, meats, and wool market statistics and related data, 1942. 1943.  
 CS 8. Livestock, meats, and wool market statistics and related data, 1943. 1944.  
 CS 14. Livestock, meats, and wool market statistics and related data, 1944. 1945.  
 CS 24. Livestock market news statistics and related data, 1946. 1947.  
 CS 29. Livestock market news statistics and related data, 1947. 1948.

**Department Bulletins:**

- \*DB 928. Substitutes for sucrose in curing meats. 1921. 5¢. For sale only.

**Miscellaneous Circulars:**

- MC 63. The inspection stamp as a guide to wholesome meat. 1926.

**Miscellaneous Publications:**

- \*M 33. Advantages of standards for livestock and meats. 1929; revised 1937. 5¢. For sale only.

**Statistical Bulletins:**

- S 59. Fats, oils, and oleaginous raw materials—Production, prices, trade, disappearance in the United States, 1912–35, and available data for earlier years. 1937.

**Technical Bulletins:**

- T 932. Marketing margins and costs for livestock and meats. 1947.  
 \*T 961. Marketing and manufacturing margins for hides and skins, leather, and leather products. 1948. 20¢. For sale only.

**Yearbook Separates:**

- \*YS 1147. Crop and livestock production trends. 1931. 10¢. For sale only.  
 YS 1686. United States meat inspection. 1939.

**CATTLE****BEEF CATTLE****Care and Management****Farmers' Bulletins:**

- F 1068. Judging beef cattle. 1919; revised 1941.  
 \*F 1584. Feed-lot and ranch equipment for beef cattle. 1929; revised 1940. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Farmers' Bulletins—Continued**

- F 1592. Beef production on the farm. 1929; slightly revised 1946.  
 F 1600. Dehorning, castrating, branding and marking beef cattle. 1929; slightly revised 1940.  
 F 1779. Beef-cattle breeds for beef and for beef and milk. 1937; slightly revised 1938.  
 F 1916. Beef cattle for breeding purposes. 1942.

**Circulars:**

- C 673. Hybrid beef cattle for subtropical climates. 1943.

**Yearbook Separates:**

- \*YS 1896. Producing better beefsteaks. 1947. 5¢. For sale only.

**Charts:**

- \*Group No. 1 Livestock—cattle and hogs. 1939. 25¢ a set. For sale only.  
 1.1 Beef breeds of cattle—I  
 1.2 Beef breeds of cattle—II  
 1.3 Beef and dual-purpose breeds of cattle—III  
 1.4 Breeds of hogs—I  
 1.5 Breeds of hogs—II  
 1.6 Hog production—I  
 1.7 Hog production—II

**Diseases and Insects: Cattle**

(See page 29)

**Feeds and Feeding****Farmers' Bulletins:**

- F 1549. Feeding cattle for beef. 1928; slightly revised 1940.

**Circulars:**

- C 642. Yearlong grazing of steers in the northern Great Plains. 1942.  
 C 705. Comparison of native grasses and crested wheatgrass and of supplements for beef cattle in the northern Great Plains. 1944.

**Technical Bulletins:**

- T 547. Effect of different methods of grazing on native vegetation and gains of steers in northern Great Plains. 1937.  
 T 564. Comparison of feeds for fattening beef calves before and after weaning. 1937.  
 T 565. Comparison of feeds for wintering steers in the northern Great Plains. 1937.  
 T 664. Relative merits of producing creep-fed, feeder, and lot-fattened calves in the Appalachian region. 1938.  
 T 717. Beef production and quality as affected by method of feeding supplements to steers on grass in the Appalachian region. 1940.  
 T 831. Velvetbeans, cottonseed meal, and peanut meal as protein feeds for fattening steers in the Coastal Plain area. 1942.  
 T 847. Fattening steers on milo grain in the southern Great Plains. 1943.  
 T 856. Effects of phosphorus supplements on cattle grazing on range deficient in this mineral. 1943.  
 T 862. Comparison of corn and corn-molasses mixture for fattening beef calves before and after weaning. 1943.  
 T 864. Corn-molasses mixtures compared with corn for fattening beef cattle in the Coastal Plain area. 1943.  
 T 889. Fattening yearling cattle in the Appalachian region. 1945.  
 T 890. Measuring productive capacity of pastures through maintenance studies with mature steers. 1945.  
 T 900. Relation of feed consumed to food products produced by fattening cattle. 1945.  
 T 904. Fattening good and common grade steers in southeastern Coastal Plains. 1945.  
 \*T 943. Nutritional qualities of range forage plants in relation to grazing with beef cattle on the Southern Plains Experimental Range. 1947. 15¢. For sale only.  
 T 945. Relation between urinary calculi and use of grain sorghum in steer-fattening rations in the southern Great Plains. 1947.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Yearbook Separates:**

- \*YS 1159. Beef cattle tests show profits are increased by feeding grain with grass. 1931. 5¢. For sale only.

**Products and Marketing****Farmers' Bulletins:**

- F 1415. Beef on the farm: Slaughtering, cutting, and curing. 1924.

**Agricultural Information Series:**

- IS 66. Early marketing of range cattle pays! 1947.

**Circulars:**

- C 103. Market classes and grades of dressed veal and calf carcasses. 1930; slightly revised 1942.  
C 505. Market classes and grades of feeder and stocker cattle. 1938; slightly revised 1942.

**Separates from Agricultural Statistics:**

- \*SA 89. Statistics of beef cattle, hogs, sheep, horses, and mules. 1944. 10¢. For sale only.  
SA 100. Statistics of beef cattle, hogs, sheep, horses, and mules. 1945.

**Technical Bulletins:**

- T 926. Estimation of the composition of beef carcasses and cuts. 1946.

**Charts:**

- \*Wholesale and retail cuts of beef, veal and lamb. 16 by 24 inches. Colored. 1926; revised 1948. 50¢ a set. For sale only.  
\*Group No. 6 Meat identification, beef. 1940. 15¢. For sale only.  
6.1 Side of beef.  
6.2 Brisket, plate, flank, and foreshank pieces.  
6.3 Chuck rib series, cross arm and neck pieces of beef.  
6.4 Rump and rib cuts.  
6.5 Steaks from loin of beef.  
6.6 Round and hind shank cuts.  
6.7 Grades of beef ribs and rounds.

**Posters:**

- United States grades for feeder steers. 21 by 33 inches. Colored. 1934.  
United States grades of slaughter steers. 21 by 38 inches. Black and white. 1929.  
United States grades for veal calves. 21 by 33 inches. Colored. 1942.

**DAIRY CATTLE****Care and Management****Farmers' Bulletins:**

- F 1412. Care and management of dairy bulls. 1924; revised 1938.  
F 1470. Care and management of dairy cows. 1926; revised 1947.  
F 1610. Dairy farming for beginners. 1929; slightly revised 1936.  
F 1723. Feeding, care, and management of young dairy stock. 1934; revised 1940.  
F 1769. Dairy cattle judging. 1937; revised 1945.  
F 1830. Cooperative dairy bull associations. 1939.  
F 1998. Selecting dairy cattle on the basis of type and production records. 1948.

**Circulars:**

- \*C 722. Functional requirements in designing dairy barns. 1945. 10¢. For sale only.  
C 763. Relative milk production of cows in pen barns and stanchion barns. 1947.  
C 786. Improvement of pastures for dairy cattle in middle Tennessee. 1948.

**Miscellaneous Publications:**

- \*M 277. List of sires proved in Dairy Herd Improvement Associations, 1935-37. 1937. 15¢. For sale only.  
\*M 353. List of sires proved in Dairy Herd Improvement Associations, 1939. 1939. 15¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications—Continued**

- \*M 453. List of sires proved in Dairy Herd Improvement Associations, 1941. 1941. 25¢. For sale only.
- \*M 487. List of sires proved in Dairy Herd Improvement Associations, 1942. 1942. 15¢. For sale only.
- \*M 522. List of sires proved in Dairy Herd Improvement Associations, 1943. 1943. 15¢. For sale only.
- \*M 547. List of sires proved in Dairy Herd Improvement Associations, 1944. 1944. 30¢. For sale only.
- \*M 563. List of sires proved in Dairy Herd Improvement Associations, 1945. 1945. 25¢. For sale only.
- \*M 613. List of sires proved in Dairy Herd Improvement Associations, 1946. 1946. 25¢. For sale only.
- \*M 637. List of sires proved in Dairy Herd Improvement Associations, 1947. 1947. 20¢. For sale only.
- \*M 651. List of sires proved in Dairy Herd Improvement Associations, 1948. 1948. 50¢. For sale only.

**Technical Bulletins:**

- T 522. Incomplete milking in relation to milk production and udder troubles in dairy cows. 1936.
- \*T 827. Milk yields and milking rates of the individual quarters of the dairy cow udder. 1941. 10¢. For sale only.
- T 927. Results of inbreeding grade Holstein-Friesian cattle. 1946.
- T 965. A breeding experiment with Holstein cattle at the Huntley, Mont., Field Station. 1948.

**Yearbook Separates:**

- YS 1907. Breeding better cows. 1947.
- \*YS 1908. Cross-breeding dairy cows. 1947. 5¢. For sale only.
- YS 1909. The inside of a dairy cow. 1947.
- YS 1910. A cow a calf will be. 1947.

**Unnumbered:**

- \*Eleventh International Dairy Congress. 1938. 15¢. For sale only.

**Charts:**

- \*Group No. 3 Dairy. 1939. 20¢ a set. For sale only.
- 3.1 Dairy breeds of cattle—I
- 3.2 Dairy breeds of cattle—II
- 3.3 Clean milk production.
- 3.4 Creamery-butter production.
- 3.5 Making American cheddar cheese.
- 3.6 Some varieties of cheese.

**Feeds and Feeding****Farmers' Bulletins:**

- F 1626. Feeding dairy cows. 1930; revised 1940.
- F 1723. Feeding, care and management of young dairy stock. 1934; revised 1940.

**Circulars:**

- C 696. Single grains and grain mixtures as supplements to alfalfa hay and silage for milk production. 1944.

**Program Aids:**

- PA 47. How to get more milk from your pastures. 1948.

**Technical Bulletins:**

- T 649. Relative values for milk production of hay and silage made from immature pasture herbage. 1938.
- \*T 805. Experiments with annual crops and permanent pastures to provide grazing for dairy cows in the Sandhill region of the Southeast. 1941. 10¢. For sale only.
- T 914. Methods of making potato silage and tests of its feeding value for dairy cows. 1946.
- \*T 943. Nutritional qualities of range forage plants in relation to grazing with beef cattle on the Southern Plains Experimental Range. 1947. 15¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Yearbook Separates:**

- YS 1900. Thyroprotein for cows. 1947.
- \*YS 1903. Vitamin A for dairy cattle. 1947. 5¢. For sale only.
- \*YS 1904. More vitamin A in milk. 1947. 5¢. For sale only.
- \*YS 1905. What to feed a cow. 1947. 5¢. For sale only.
- \*YS 1906. Advances in feeding calves. 1947. 5¢. For sale only.

**Products and Marketing****Farmers' Bulletins:**

- F 976. Cooling milk and cream on the farm. 1918; slightly revised 1932.
- \*F 1315. Cleaning milking machines. 1923; revised 1939. 5¢. For sale only.
- F 1675. Care of milk utensils on the farm. 1931.
- F 1734. Making American cheese on the farm for home consumption. 1934.
- F 1818. Mechanical milk cooling on the farm. 1938; slightly revised 1946.
- F 1979. Making and storing farm butter for home use. 1946.

**Leaflets:**

- \*L 49. Ice creams frozen without stirring. 1929. 5¢. For sale only.
- L 177. The pasteurization of milk. 1939.
- \*L 213. Sour cream: How to prepare and use it at home. 1941. 5¢. For sale only.

**Circulars:**

- C 99. Equipment for city milk plants. 1929; revised 1941.
- C 260. Operation and management of milk plants. 1933; revised 1947.
- C 352. Packaging, curing, and merchandising American Cheddar cheese in cans. 1935.
- C 359. The manufacture of brick cheese. 1935.
- \*C 522. A soft cheese of the Bel Paese type. 1939. 5¢. For sale only.
- \*C 645. Low-priced milk and the consumption of dairy products among low-income families, Washington, D. C., 1940. 1942. 10¢. For sale only.

**Commodity Statistics:**

- CS 4. Dairy and poultry market statistics, 1942. 1943.
- CS 13. Dairy and poultry market statistics, 1944. 1945.
- \*CS 18. Dairy and poultry market statistics, 1945. 1946. 25¢. For sale only.
- CS 23. Dairy and poultry market statistics, 1946. 1947.

**Miscellaneous Publications:**

- M 119. The manufacture of low-acid rennet-type cottage cheese. 1931; revised 1948.
- \*M 161. Testing milk and cream. 1933; slightly revised 1940. 10¢. For sale only.
- M 386. Packaging sliced Cheddar and Swiss cheese in cans for sandwich dispensers. 1940.
- M 636. Butter as a source of vitamin A in the diet of the people of the United States. 1947.

**Separates from Agricultural Statistics:**

- SA 56. Dairy and poultry statistics, 1941.
- \*SA 90. Dairy and poultry statistics, 1944. 10¢. For sale only.
- SA 101. Dairy and poultry statistics, 1945.

**Technical Bulletins:**

- T 438. The effect of homogenization on certain characteristics of milk. 1934.
- \*T 671. Composition and properties of goat's milk as compared with cow's milk. 1939. 10¢. For sale only.
- \*T 709. Supply responses in milk production in the Cabot-Marshfield area, Vermont. 1940. 10¢. For sale only.
- \*T 722. Production and consumption of manufactured dairy products. 1940. 15¢. For sale only.
- \*T 750. Supply responses in milk production in Dodge and Barron Counties, Wis. 1941. 15¢. For sale only.
- T 789. Supply responses in milk production in southeastern Minnesota. 1941.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3. .



**Technical Bulletins—Continued**

- T 812. The competitive position of dairying in southern New England. 1942.
- T 832. Effect of homogenization on the curd tension, digestibility, and keeping quality of milk. 1942.
- \*T 936. Marketing margins and costs for dairy products, 1946. 20¢. For sale only.

**Yearbook Separates:**

- \*YS 1972. Dairy byproducts. 1947. 5¢. For sale only.
- \*YS 1979. Known nutrients in milk. 1947. 5¢. For sale only.

**Charts:**

- \*Group No. 3 Dairy. 1939. 20¢ a set. For sale only.
- 3.1 Dairy breeds of cattle—I.
- 3.2 Dairy breeds of cattle—II.
- 3.3 Clean milk production.
- 3.4 Creamery-butter production.
- 3.5 Making American Cheddar cheese.
- 3.6 Some varieties of cheese.

**Diseases and Insects: Cattle****Farmers' Bulletins:**

- F 666. Foot-and-mouth disease. 1915; revised 1938.
- F 909. Cattle lice and how to eradicate them. 1918; slightly revised 1947.
- F 1017. Cattle scab and methods of control and eradication. 1918; slightly revised 1935.
- F 1018. Hemorrhagic septicemia "shipping fever" of cattle. 1918; revised 1944.
- F 1057. Cattle-fever ticks and methods of eradication. 1919; slightly revised 1940.
- F 1069. Tuberculosis in livestock: Detection, control, and eradication. 1919; slightly revised 1939.
- \*F 1355. Blackleg: Its nature, cause, and prevention. 1923; slightly revised 1942. 5¢. For sale only.
- F 1422. Udder diseases of dairy cows. 1924; slightly revised 1943.
- F 1596. Cattle grubs or heel flies, with suggestions for their control. 1929; slightly revised 1944.
- \*F 1625. Tick fever. 1930; slightly revised 1932. 5¢. For sale only.
- F 1736. Anthrax. 1934.
- F 1871. Brucellosis of cattle (Bang's disease, infectious abortion). 1941.
- F 1991. The use of disinfectants on the farm. 1947.

**Leaflets:**

- \*L 75. Warts on cattle. 1931. 5¢. For sale only.
- \*L 205. The horn fly and its control. 1940. 5¢. For sale only.

**Circulars:**

- C 154. Anaplasmosis in cattle. 1931; revised 1946.
- \*C 306. Trembles (or milk sickness). 1933; slightly revised 1938. 5¢. For sale only.
- C 438. Lumpy jaw, or actinomycosis. 1937; revised 1943.

**Miscellaneous Publications:**

- M 2. The story of the cattle-fever tick: What every southern child should know about cattle ticks. 1917; revised 1927.
- M 384. Benefits of eradicating Bang's disease. 1940.

**Technical Bulletins:**

- T 522. Incomplete milking in relation to milk production and udder troubles in dairy cows. 1936.
- T 884. A study of the effectiveness of sulfonamide preparations in the elimination of bovine mastitis. 1944.
- T 945. Relation between urinary calculi and use of grain sorghum in steer-fattening rations in the southern Great Plains. 1947.
- T 946. Results of treating bovine mastitis with sulfonamides containing urea. 1947.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Yearbook Separates:**

YS 1881. Anthrax. 1942.

YS 1882. Foot-and-mouth disease. 1942.

**FUR FARMING****Farmers' Bulletins:**

F 1334. Home tanning of leather and small fur skins. 1923; slightly revised 1947.

**Leaflets:**

\*L 47. Hygiene in fox farming. 1929. 5¢. For sale only.

**Conservation Bulletins:**

CB 20. Diseases of fur animals. 1942.

**Rabbits****Farmers' Bulletins:**

F 1730. Rabbit production. 1934; slightly revised 1946.

**Leaflets:**

L 245. Palpating domestic rabbits to determine pregnancy. 1946.

**Circulars:**

C 785. Angora rabbit wool production. 1948.

C 789. Effect of various factors on grades of New Zealand white rabbit-skins. 1948.

**HORSES AND MULES****Care and Management****Farmers' Bulletins:**

F 619. Breeds of draft horses. 1914; revised 1941.

\*F 779. How to select a sound horse. 1917; revised 1925. 5¢. For sale only.

F 803. Horse-breeding suggestions for farmers. 1917; revised 1941.

F 952. Breeds of light horses. 1918; revised 1941.

F 1341. Mule production. 1923; revised 1938.

F 1368. Breaking and training colts. 1923.

F 1419. Care and management of farm work horses. 1924; slightly revised 1940.

\*F 1535. Farm horseshoeing. 1927. 5¢. For sale only.

**Circulars:**

C 148. Parasites and parasitic diseases of horses. 1930; slightly revised 1948.

**Separates from Agricultural Statistics:**

\*SA 89. Statistics of beef cattle, hogs, sheep, horses and mules. 1944. 10¢. For sale only.

SA 100. Statistics of beef cattle, hogs, sheep, horses and mules. 1945.

**Yearbook Separates:**

\*YS 1917. Horses and mules. 1947. 5¢. For sale only.

**Charts:**

\*Group No. 2. Horses. 1939. 10¢ a set. For sale only.

2.1 Draft breeds of horses.

2.2 Light breeds of horses.

**Diseases and Insects****Farmers' Bulletins:**

F 1146. Dourine of horses. 1920; slightly revised 1935.

F 1503. The horse bots and their control. 1926; slightly revised 1941.

F 1819. Infectious anemia (swamp fever). 1938.

**Poster:**

Infectious encephalomyelitis: A disease of horses and mules. 1940. 16 by 20 inches. Black and white.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Feeds and Feeding

## Farmers' Bulletins:

- F 1030. Feeding horses. 1919; revised 1945.

## POULTRY AND EGGS

## Care and Management

## Farmers' Bulletins:

- \*F 684. Squab raising. 1915; revised 1946. 10¢. For sale only.  
 F 697. Duck raising. 1915; revised 1933.  
 F 767. Goose raising. 1917; slightly revised 1942.  
 \*F 1391. The guinea fowl. 1924; revised 1940. 5¢. For sale only.  
 F 1409. Turkey raising. 1924; slightly revised 1939.  
 F 1506. Standard breeds and varieties of chickens: I. American, Asiatic, English, and Mediterranean classes. 1926; revised 1940.  
 \*F 1507. Standard breeds and varieties of chickens: II. Continental, European Oriental, and miscellaneous classes. 1926; revised 1942. 10¢. For sale only.  
 F 1508. Poultry keeping in back yards. 1926; revised 1941.  
 F 1524. Farm poultry raising. 1927; slightly revised 1933.  
 F 1538. Incubation and brooding of chickens. 1928; revised 1946.  
 F 1554. Poultry houses and fixtures. 1928; revised 1934.  
 F 1614. Business records for poultry keepers. 1929; slightly revised 1946.  
 F 1727. Selecting hens for egg production. 1934.

## Leaflets:

- L 233. Selecting breeding stock for broiler production. 1943.

## Circulars:

- C 446. Poultry management in subtropical semiarid climates. 1937.  
 \*C 525. Artificial insemination of chickens and turkeys. 1939. 5¢. For sale only.  
 C 715. Poultry-breeding-stock selection for desired characters. 1944.  
 \*C 738. Functional requirements in designing laying houses for poultry. 1945. 5¢. For sale only.

## Miscellaneous Publications:

- M 300. The National Poultry Improvement Plan. 1938; revised 1948.  
 \*M 317. Improving poultry through the National Poultry Improvement Plan. 1938; revised 1943. 5¢. For sale only.  
 M 555. The National Turkey Improvement Plan. 1944; revised 1948.  
 M 587. Directory of U. S. Register of merit sires and dams qualifying under the National Poultry Improvement Plan, 1943-1944. 1945.  
 \*M 644. Directory of U. S. Register of merit sires and dams qualifying under the National Poultry Improvement Plan, 1945-1946. 1947. 30¢. For sale only.

## Yearbook Separates:

- \*YS 1914. Breeding better poultry. 1947. 5¢. For sale only.

## Unnumbered:

How the government aids the poultry industry. 1939.

## Posters:

Standard-bred poultry pays best. 10½ by 15½ inches. Colored. 1923.

## Diseases and Insects

## Farmers' Bulletins:

- \*F 801. Mites and lice on poultry. 1917; slightly revised 1939. 10¢. For sale only.  
 F 1652. Diseases and parasites of poultry. 1931; revised 1941.

## Leaflets:

- L 102. Eradicating tuberculosis from poultry and swine. 1933.  
 L 207. Controlling gapeworms in poultry. 1941.

## Circulars:

- \*C 755. Fowl typhoid. 1946. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications:**

- M 349. Use of the rapid whole-blood test for pullorum disease. 1939; revised 1946.  
 M 609. Poultry disease investigations at the U. S. Regional Poultry Research Laboratory. 1946.

**Yearbook Separates:**

- \*YS 1915. Keeping poultry healthy. 1947. 5¢. For sale only.

**Posters:**

- Free your poultry flock of tuberculosis. 5 by 8 inches. Black and white. 1931.  
 Pullorum disease (formerly called bacillary white diarrhea): A disease of chickens, occasionally affecting turkeys. 16 by 20 inches. Black and white. 1940.

**Feeds and Feeding****Circulars:**

- C 788. Nutritive requirements and feed formulas for chickens. 1948.

**Technical Bulletins:**

- T 632. Loss, during storage, of Vitamin A from alfalfa leaf meals fed to chickens. 1939.

**Products and Marketing****Agricultural Information Series:**

- IS 74. Chicken in the freezer. 1948.  
 IS 77. Consumer guides for buying and keeping eggs. 1948.

**Farmers' Bulletins:**

- \*F 1377. Marketing poultry. 1924; revised 1943. 10¢. For sale only.  
 F 1378. Marketing eggs. 1924; revised 1947.  
 \*F 1694. Dressing and packing turkeys for market. 1932; slightly revised 1944. 5¢. For sale only.

**Agricultural War Information Series:**

- W 75. Freezing meat and poultry products for home use. 1944; slightly revised 1945.

**Commodity Statistics:**

- CS 4. Dairy and poultry market statistics, 1942. 1943.  
 CS 13. Dairy and poultry market statistics, 1944. 1945.  
 \*CS 18. Dairy and poultry market statistics, 1945. 1946. 25¢. For sale only.  
 CS 23. Dairy and poultry market statistics, 1946. 1947.

**Miscellaneous Publications:**

- M 560. Uniform labels for consumer grades of eggs. 1945.  
 M 564. Reducing damage to eggs and egg cases. 1945.

**Separates from Agricultural Statistics:**

- SA 56. Dairy and poultry statistics, 1941.  
 \*SA 90. Dairy and poultry statistics, 1944. 10¢. For sale only.  
 SA 101. Dairy and poultry statistics, 1945.

**Statistical Bulletins:**

- SB 81. Commercial hatchery chick production, 1945. 1945.

**Posters:**

- Know the eggs you buy. 11½ by 17½ inches. Colored. 1948.  
 United States standards for quality of individual shell eggs. 9 by 12 inches. Colored. 1941; revised 1948.

**SHEEP AND GOATS****Care and Management****Farmers' Bulletins:**

- F 576. Breeds of sheep for the farm. 1914; slightly revised 1941.  
 F 810. Equipment for farm sheep raising. 1917; slightly revised 1940.  
 F 840. Farm sheep raising for beginners. 1917; slightly revised 1944.  
 F 920. Milk goats. 1918; slightly revised 1946.  
 F 1134. Castrating and docking lambs. 1920; revised 1943.  
 F 1181. Raising sheep on temporary pastures. 1921; slightly revised 1946.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Farmers' Bulletin—Continued**

- F 1199. Judging sheep. 1921; revised 1933.
- F 1203. The Angora goat. 1921; slightly revised 1946.
- F 1268. Sheep-killing dogs. 1922; slightly revised 1946.
- \*F 1632. Karakul sheep. 1930; revised 1938. 5¢. For sale only.
- F 1710. Range sheep production. 1933; slightly revised 1940.

**Circulars:**

- \*C 538. Some factors affecting survival, growth, and selection of lambs. 1940. 5¢. For sale only.
- C 541. Estimating weights of lambs at a constant age. 1940.
- C 580. Some factors affecting the progeny testing of rams. 1940.
- C 624. Sheep migration in the Intermountain Region. 1942.
- \*C 691. Management of sheep on range infested with orange sneezeweed. 1944. 10¢. For sale only.

**Technical Bulletins:**

- T 909. The genetics, physiology, and economic importance of the multiple trait in sheep. 1945.

**Yearbook Separates:**

- \*YS 1912. Developments in sheep. 1947. 5¢. For sale only.
- \*YS 1913. News about goats. 1947. 5¢. For sale only.

**Charts:**

- \*Group No. 4. Sheep, goats, wool, and mohair. 1939. 15¢ a set. For sale only.
  - 4.1 Breeds of sheep.
  - 4.2 Wool production.
  - 4.3 Some grades of wool.

**Diseases and Insects****Farmers' Bulletins:**

- F 713. Sheep scab. 1916; slightly revised 1935.
- F 798. The sheep tick and its eradication by dipping. 1917; slightly revised 1940.
- F 1330. Parasites and parasitic diseases of sheep. 1923; slightly revised 1946.
- F 1943. Diseases of sheep and goats. 1943.

**Leaflets:**

- L 228. Nodular worm disease of sheep. 1942; slightly revised 1943.

**Technical Bulletins:**

- \*T 580. Toxicity of arrow-grass for sheep and remedial treatment. 1937. 5¢. For sale only.
- T 875. Effects of experimental nodular worm (*Oseophagostomum columbianum*) infection in sheep. 1944.

**Yearbook Separates:**

- YS 1890. Diseases and parasites of sheep and goats. 1942.

**Posters:**

- The common sheep liver fluke. 15 by 20 inches. Black and white. 1929.
- Help eradicate scabies. 14 by 19 inches. Colored. 1928; revised 1938.
- Nodular worm infestation of sheep. 16 by 20 inches. Black and white. 1942.
- Stomach worm infestation of sheep. 16 by 20 inches. Black and white. 1941.

**Feeds and Feeding****Technical Bulletins:**

- \*T 600. The influence of climate and grazing on spring-fall sheep range in southern Idaho. 1938. 10¢. For sale only.

**Yearbook Separates:**

- \*YS 1697. The relation of nutrition to the production of hides and wool. 1939. 5¢. For sale only.

**Products and Marketing****Farmers' Bulletins:**

- F 1805. Grading wool. 1938; slightly revised 1945.
- F 1807. Lamb and mutton on the farm. 1938.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Leaflets:**

- \*L 92. Preparing wool for market. 1933; slightly revised 1940. 5¢. For sale only.

**Circulars:**

- C 383. Market classes and grades of lambs and sheep. 1936; slightly revised 1940.  
 \*C 543. Two rapid methods for estimating fineness and cross-sectional variability of wool. 1939. 5¢. For sale only.  
 C 590. A rapid method for projecting and measuring cross sections of wool fibers. 1940.  
 C 654. Cross-section area method for determining density of wool fibers. 1942.  
 C 680. Sampling fleeces for determining average wool fineness. 1943.  
 C 704. Sampling and measuring methods for determining fineness and uniformity in wool. 1944; slightly revised 1947.

**Commodity Statistics:**

- CS 3. Livestock, meats, and wool market statistics and related data, 1942. 1943.  
 CS 8. Livestock, meats, and wool market statistics and related data, 1943. 1944.  
 CS 14. Livestock, meats, and wool market statistics and related data, 1944. 1945.

**Separates from Agricultural Statistics:**

- \*SA 89. Statistics of beef cattle, hogs, sheep, horses and mules. 1944. 10¢. For sale only.  
 SA 100. Statistics of beef cattle, hogs, sheep, horses and mules. 1945.

**Technical Bulletins:**

- \*T 671. Composition and properties of goat's milk as compared with cow's milk. 1939. 10¢. For sale only.  
 T 944. Estimation of the composition of lamb carcasses and cuts. 1947.

**Yearbook Separates:**

- \*YS 1124. Wool of long staple is most profitable in tests with Rambouillet sheep. 1930. 5¢. For sale only.

**Charts:**

- \*Group No. 4. Sheep, goats, wool, and mohair. 1939. 15¢ a set. For sale only.  
 4.1 Breeds of sheep.  
 4.2 Wool production.  
 4.3 Some grades of wool.  
 \*Wholesale and retail cuts of beef, veal, and lamb. 16 by 24 inches. Colored. 1926; revised 1948. 50¢ a set. For sale only.

**SWINE****Care and Management****Farmers' Bulletins:**

- F 1263. Breeds of swine. 1922; revised 1946.  
 F 1357. Castration of hogs. 1923; slightly revised 1930.  
 F 1437. Swine production. 1925; slightly revised 1940.  
 F 1455. Fitting, showing, and judging hogs. 1925; slightly revised 1940.  
 F 1487. Practical hog houses. 1926; slightly revised 1937.  
 F 1490. Hog-lot equipment. 1926; slightly revised 1940.

**Circulars:**

- C 532. Production of hogs suitable for Wiltshire sides. 1939.  
 C 698. Influence of type of hog on production efficiency. 1944.  
 \*C 701. Hog-housing requirements. 1944. 5¢. For sale only.

**Yearbook Separates:**

- \*YS 1911. Progress in hog production. 1947. 5¢. For sale only.

**Charts:**

- \*Group No. 1. Livestock—cattle and hogs. 1939. 25¢ a set. For sale only.  
 1.1 Beef breeds of cattle—I.  
 1.2 Beef breeds of cattle—II.

## Charts—Continued

- 1.3 Beef and dual-purpose breeds of cattle—III.
- 1.4 Breeds of hogs—I.
- 1.5 Breeds of hogs—II.
- 1.6 Hog production—I.
- 1.7 Hog production—II.

## Diseases and Insects

## Farmers' Bulletins:

- \*F 1085. Hog lice and hog mange, methods of control and eradication. 1920; slightly revised 1937. 5¢. For sale only.  
 F 1787. Internal parasites of swine. 1937; slightly revised 1945.  
 F 1914. Disease of swine. 1942.

## Leaflets:

- L 5. The prevention of roundworms in pigs. 1927; slightly revised 1946.  
 L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.  
 L 102. Eradicating tuberculosis from poultry and swine. 1933.  
 \*L 108. Controlling kidney worms in swine in the Southern States. 1934; slightly revised 1939. 5¢. For sale only.  
 L 118. Controlling lungworms of swine. 1936.

## Agricultural Information Series:

- IS 52. Protect home-cured meat from insects. 1946.

## Circulars:

- C 734. Outbreak of vesicular stomatitis in swine and the differential diagnosis from vesicular exanthema and foot-and-mouth disease. 1945.  
 C 781. Brucellosis of swine. 1948.

## Technical Bulletins:

- T 437. Development of the swine nematode, *Strongyloides ransomi*, and the behavior of its infective larvae. 1934.

## Posters:

- Hog cholera. 16 by 20 inches. Black and white. 1941.  
 The kidney worm: A serious obstacle to swine production in the South. 15 by 20 inches. Colored. 1935.

## Feeds and Feeding

## Farmers' Bulletins:

- F 1504. Self-feeding versus hand-feeding sows and litters. 1926; slightly revised 1946.

## Technical Bulletins:

- \*T 917. Feed consumption and the production of pork and lard. 1946. 10¢. For sale only.

## Products and Marketing

## Farmers' Bulletins:

- F 1186. Pork on the farm: Killing, curing, and canning. 1921; slightly revised 1945.

## Agricultural Information Series:

- IS 52. Protect home-cured meat from insects. 1946

## Agricultural War Information Series:

- W 108. Curing pork country style. 1944.

## Circulars:

- C 569. Market classes and grades of swine. 1940.

## Department Bulletins:

- DB 1440. Factors affecting the price of hogs. 1926.  
 \*DB 1492. Some results of soft-pork investigations, II. 1928. 15¢. For sale only.

## Separates from Agricultural Statistics:

- \*SA 89. Statistics of beef cattle, hogs, sheep, horses and mules. 1944. 10¢. For sale only.  
 SA 100. Statistics of beef cattle, hogs, sheep, horses and mules. 1945.

## Technical Bulletins:

- \*T 917. Feed consumption and the production of pork and lard. 1946.  
10¢. For sale only.

## DEPARTMENT OF AGRICULTURE

## GENERAL

## Administrative Series:

- \*AS 1. Easier typing. 1943. 5¢. For sale only.

## Agricultural Information Series:

- IS 26. How and where to obtain motion pictures of the United States  
Department of Agriculture. 1945.

## Miscellaneous Publications:

- M 3. Editorial policy regarding the Journal of Agricultural Research.  
1927; revised 1932.  
\*M 220. Directory of the Bureau of Entomology and Plant Quarantine  
1935; revised 1940. 15¢. For sale only.  
M 249. Careers in forestry. 1938; revised 1945.  
M 290. The work of the U. S. Forest Service. 1938; revised 1945.  
\*M 293. Soil conservation districts for erosion control. 1937. 10¢. For  
sale only.  
\*M 306. The Forest Products Laboratory. 1938. 15¢. For sale only.  
M 328. The service of Federal grain standards. 1938.  
M 438. Employment information. 1941.  
M 445. The work of the United States Cotton Ginning Laboratory. 1941.  
M 448. Soil conservation districts in action on the land. 1941.  
M 532. A handbook for your information. 1943; revised 1947.  
M 551. Patent manual for employees of the United States Department of  
Agriculture, 1944. 1944.  
\*M 640. Directory of organization and field activities of the Department  
of Agriculture: 1947. 1948. 50¢. For sale only.  
\*M 645. Directory of activities of the Bureau of Plant Industry, Soils, and  
Agricultural Engineering, 1947. 1948. 30¢. For sale only.  
\*M 649. Workers in subjects pertaining to agriculture in Land-Grant Col-  
leges and Experiment Stations, 1947-48. 1948. 35¢. For sale  
only.

## Yearbook Separates:

- YS 1894. What is farm research? 1947.  
\*YS 1969. New uses for farm crops. 1947. 5¢. For sale only.

## Unnumbered:

- The crop and livestock reporting service of the United States. 1933. (Separate  
from M 171 by the same title.)  
\*Director of the Bureau of Animal Industry, revised to July 1, 1948. 1948. 15¢.  
For sale only.  
Joint committee report on extension programs, policies and goals. 1948.  
\*Report of the Combined Food Board—Progress of the work from June 9, 1942—  
December 31, 1944. 5¢. For sale only.  
What agricultural extension is. 1944.  
\*The work of the Soil Conservation Service. 1940. 5¢. For sale only.

## ANNUAL REPORTS

## Secretary of Agriculture:

1941. 1942. 1943. 1944. 1945. 1946. 1947.

## Agricultural Adjustment Agency:

- \*1943. 10¢. For sale only.

## Agricultural Conservation and Adjustment Administration:

- \*1942. 15¢. For sale only.

## Agricultural Experiment Stations:

1940.	*1943; 20¢.	For sale only.	1946.
1941.	*1944; 20¢.	For sale only.	1947.
1942.	1945.		

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Agricultural Marketing Administration:**

\*1942. 10¢. For sale only.

**Agricultural Marketing Service:**

\*1939. 10¢. For sale only.

\*1940. 10¢. For sale only.

**Agricultural Research Administration:**

\*1944. 25¢. For sale only.

\*1946. 50¢. For sale only.

\*1947. 60¢. For sale only.

**Bureau of Agricultural Economics:**

\*1943-1944. 10¢. For sale only. 1945.

**Bureau of Agricultural and Industrial Chemistry:**

\*1947. 15¢. For sale only.

**Bureau of Animal Industry:**

1943. 1945. 1946. \*1947. 20¢. For sale only.

**Bureau of Dairy Industry:**

\*1941. 10¢. For sale only. \*1945. 10¢. For sale only.

\*1942. 10¢. For sale only. \*1946. 10¢. For sale only.

\*1943. 10¢. For sale only. \*1947. 10¢. For sale only.

**Bureau of Entomology and Plant Quarantine:**

\*1942. 10¢. For sale only. \*1946. 15¢. For sale only.

\*1944. 10¢. For sale only. \*1947. 20¢. For sale only.

**Bureau of Human Nutrition and Home Economics:**

\*1946. 5¢. For sale only. \*1947. 5¢. For sale only.

**Bureau of Plant Industry, Soils, and Agricultural Engineering:**

\*1944. 10¢. For sale only. \*1946. 15¢. For sale only.

\*1945. 10¢. For sale only. \*1947. 20¢. For sale only.

**Commodity Credit Corporation:**

1944. 1947.

**Commodity Exchange Administration:**

\*1940. 10¢. For sale only. \*1947. 10¢. For sale only.

\*1941. 10¢. For sale only.

**Extension Service:**

1940-41. 1941-42. 1943. \*1946. 10¢. For sale only.

\*1945. 10¢. For sale only. \*1947. 5¢. For sale only.

**Farm Credit Administration:**

See page —.

**Federal Crop Insurance Corporation:**

1943. 1945. 1946. 1947.

**Federal Experiment Station in Puerto Rico:**

\*1942. 10¢. For sale only. \*1944. 10¢. For sale only. \*1947. 20¢. For sale only.

\*1943. 10¢. For sale only. \*1946. 15¢. For sale only.

**Forest Service:**

\*1945. 10¢. For sale only. \*1947. 15¢. For sale only.

**Grain Futures Administration:**

\*1936. 5¢. For sale only.

**Library:**

1946. \*1947. 5¢. For sale only.

**Office of Budget and Finance:**

\*1941. 10¢. For sale only. \*1942. 5¢. For sale only.

\*1947. 15¢. For sale only.

**Office of Distribution:**

\*1944. 20¢. For sale only.

**Office of Experiment Stations:**

- \*1942. 5¢. For sale only.      \*1943. 5¢. For sale only.  
 1944.      \*1945. 5¢. For sale only. 1946. 1947.

**Office of Foreign Agricultural Relations:**

- \*1941. 5¢. For sale only.

**Office of Personnel:**

1942. 1945.      \*1946. 5¢. For sale only. 1947.

**Office of Plant and Operations:**

- \*1942. 5¢. For sale only. 1947.

**Office of the Solicitor:**

1941. 1947.

**Production and Marketing Administration:**

- 1947.

**Rural Electrification Administration:**

- \*1944. 10¢. For sale only. 1945.      \*1947. 15¢. For sale only.

**Soil Conservation Service:**

- \*1943. 10¢. For sale only.      \*1946. 15¢. For sale only.  
 \*1945. 15¢. For sale only.      \*1947. 15¢. For sale only.

**Surplus Marketing Administration:**

- \*1941. 10¢. For sale only.

**War Food Administration:**

- Food Program for 1944.  
 \*Final Report—1945. 10¢. For sale only.

**BIBLIOGRAPHIES, INDEXES, AND COMPILATIONS****Bibliographical Bulletins:**

- B 2. A summary of the literature on milkweeds (*Asclepias spp.*) and their utilization. 1943.  
 B 3. Bibliography on the Japanese in American agriculture. 1944.  
 B 8. Bibliography on aviation and economic entomology. 1947.  
 B 9. Review of literature on chinchona diseases, injuries, and fungi. 1948.

**Circulars:**

- C 559. Review and discussion of literature pertinent to crop rotations for erodible soils. 1939.

**Miscellaneous Circulars:**

- \*MC 35. Bibliography on the marketing of agricultural products. 1925. 10¢. For sale only.

**Miscellaneous Publications:**

- M 9. List of publications of the United States Department of Agriculture from January 1901, to December 1925, inclusive, compiled by comparison with the originals. 1927. (For libraries only.)  
 M 60. List of available publications of the United States Department of Agriculture. 1929; revised 1948.  
 \*M 62. Bibliography on the relation of clothing to health. 1929. 25¢ For sale only.  
 M 153. List of publications of the United States Department of Agriculture from January 1926, to December 1930, inclusive. 1932. (For libraries only.)  
 \*M 364. A selected bibliography of North American forestry. 1940. (Two volumes.) 75¢ each or \$1.50 a set. For sale only.  
 \*M 372. A survey and discussion of lysimeters and a bibliography on their construction and performance. 1940. 10¢. For sale only.  
 M 443. List of publications of the United States Department of Agriculture from January 1936, to December 1940, inclusive. 1941. (For libraries only.)  
 M 447. A bibliography on the agriculture of the American Indians. 1942.

**Miscellaneous Publications—Continued**

- M 459. List of bulletins of the Agricultural Experiment Stations for the calendar years 1939 and 1940, 1941. (For libraries only.)  
 M 611. List of publications of the United States Department of Agriculture from January 1941, to December 1945, inclusive. 1946. (For libraries only.)

**Yearbook Separates:**

- \*YS 1726. Literature cited for Yearbook of Agriculture—1939. 1939. 10¢.  
 For sale only.

**Unnumbered:**

- Citations to literature in the Journal of Agricultural Research, Technical Bulletins, Circulars, and Miscellaneous Publications (other than Bibliographies). 1940.  
 Index to Farmers' Bulletins Nos. 1-1000. 1929.  
 Index to Farmers' Bulletins Nos. 1001-1500. 1929.  
 Index to Farmers' Bulletins Nos. 1501-1750. 1941.  
 Index to Technical Bulletins 1-500. 1937.  
 Index to Technical Bulletins Nos. 501-750. 1941.  
 Index to publications of the United States Department of Agriculture, 1901-1925. 1932.  
 Index to publications of the United States Department of Agriculture, 1926-1930. 1935.  
 Index to publications of the United States Department of Agriculture, 1931-1935. 1937.  
 \*Index to publications of the United States Department of Agriculture, 1936-1940. 1943. \$1.50. For sale only.  
 Index-catalogue of medical and veterinary zoology. Part 1. Authors: AALL to AZZOLINA. 1932.  
 Index-catalogue of medical and veterinary zoology. Part 2. Authors: B to BYCHKOV. 1938.  
 Index-catalogue of medical and veterinary zoology. Part 3. Authors: C to CZYGAN. 1939.  
 Index-catalogue of medical and veterinary zoology. Part 4. Authors: D to DZUNKOVSKI. 1940.  
 Index-catalogue of medical and veterinary zoology. Part 5. Authors: E to FYNNEY. 1941.  
 Index-catalogue of medical and veterinary zoology. Part 6. Authors: G to GYSER. 1942.  
 Index-catalogue of medical and veterinary zoology. Part 7. Authors: H to JUZUKI. 1946.  
 Index-catalogue of medical and veterinary zoology. Part 8. Authors: K to KYZER. 1946.  
 Index-catalogue of medical and veterinary zoology. Part 9. Authors: L to LYUTKEVICH. 1946.  
 Index-catalogue of medical and veterinary zoology. Part 10. Authors: M to MYSH. 1948.  
 Popular publications for the farmer and homemaker. List No. 5. 1944; revised 1948.  
 Title pages and table of contents, Farmers' Bulletins, 1826-1850. 1941.  
 Title pages and table of contents, Farmers' Bulletins, 1851-1875. 1943.  
 Title pages and table of contents, Farmers' Bulletins, 1926-1950. 1944.  
 \*Title pages and table of contents, Farmers' Bulletins, 1951-1975. 1946. 5¢. For sale only.  
 \*Title pages and table of contents, Leaflets, 1-50. 1939. 5¢. For sale only.  
 Title pages and table of contents, Leaflets, 51-100. 1939.  
 Title pages and table of contents, Leaflets, 101-150. 1939.  
 \*Title pages and table of contents, Leaflets, 151-200. 1941. 5¢. For sale only.  
 Title pages and table of contents, Technical Bulletins, 226-250. 1938.  
 Title pages and table of contents, Technical Bulletins, 251-275. 1938.  
 Title pages and table of contents, Technical Bulletins, 276-300. 1938.  
 Title pages and table of contents, Technical Bulletins, 301-325. 1938.  
 Title pages and table of contents, Technical Bulletins, 326-350. 1938.  
 Title pages and table of contents, Technical Bulletins, 351-375. 1938.  
 Title pages and table of contents, Technical Bulletins, 376-400. 1938.  
 Title pages and table of contents, Technical Bulletins, 401-425. 1938.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Unnumbered—Continued

Title pages and table of contents,	Technical Bulletins, 426-450.	1938.
Title pages and table of contents,	Technical Bulletins, 451-475.	1938.
Title pages and table of contents,	Technical Bulletins, 476-500.	1938.
Title pages and table of contents,	Technical Bulletins, 501-525.	1938.
Title pages and table of contents,	Technical Bulletins, 526-550.	1938.
Title pages and table of contents,	Technical Bulletins, 551-575.	1938.
Title pages and table of contents,	Technical Bulletins, 576-600.	1938.
Title pages and table of contents,	Technical Bulletins, 601-625.	1939.
Title pages and table of contents,	Technical Bulletins, 626-650.	1940.
Title pages and table of contents,	Technical Bulletins, 651-675.	1940.
Title pages and table of contents,	Technical Bulletins, 676-700.	1940.
Title pages and table of contents,	Technical Bulletins, 701-725.	1941.
Title pages and table of contents,	Technical Bulletins, 726-750.	1941.
Title pages and table of contents,	Technical Bulletins, 751-775.	1942.
Title pages and table of contents,	Technical Bulletins, 776-800.	1942.
Title pages and table of contents,	Technical Bulletins, 801-825.	1944.
Title pages and table of contents,	Technical Bulletins, 826-850.	1944.
Title pages and table of contents,	Technical Bulletins, 851-875.	1945.
Title pages and table of contents,	Technical Bulletins, 876-900.	1946.
Title pages and table of contents,	Technical Bulletins, 901-925.	1948.

## FIELD STATION WORK

## Circulars:

- \*C 770. Spacing distances for windbreak trees on the northern Great Plains. 1948. 10¢. For sale only.

## Technical Bulletins:

- \*T 419. Forage-crop field experiments at West Point, Miss. 1934. 5¢. For sale only.  
 \*T 464. Agricultural investigations on the Newlands (Nev.) reclamation project. 1935. 5¢. For sale only.  
 \*T 533. Subsoil waters of Newlands (Nev.) Field Station. 1936. 5¢. For sale only.  
 T 536. Crop rotation and tillage experiments at the northern Great Plains Field Station, Mandan, N. Dak. 1936.  
 T 617. Conservation and use of soil moisture at Mandan, N. Dak. 1938.  
 T 965. A breeding experiment with Holstein cattle at the Huntley, Mont., Field Station. 1948.

## Yearbook Separates:

- YS 1894. What is farm research? 1947.  
 \*YS 1969. New uses for farm crops. 1947. 5¢. For sale only.

## HISTORY

## Miscellaneous Publications:

- M 290. The work of the U. S. Forest Service. 1938; revised 1945.  
 M 447. A bibliography on the agriculture of the American Indians. 1942.  
 \*M 449. Early American soil conservationists. 1941. 15¢. For sale only.  
 M 596. Our American land: The story of its abuse and its conservation. 1946; slightly revised 1948.

## Yearbooks:

- \*YB 1940. Farmers in a changing world. \$1.50. For sale only.

## Yearbook Separates:

- YS 1727. Farmers in a changing world—a summary. 1940.  
 \*YS 1731. Agriculture in the World War period. 1940. 5¢. For sale only.  
 \*YS 1732. The development of agricultural policy since the end of the World War. 1940. 10¢. For sale only.  
 YS 1782. Appendix: A brief chronology of American agriculture history. 1940.  
 YS 1783. An historical survey of American agriculture. 1940.  
 YS 1792. Climate and settlement of the Great Plains. 1941.

## LAWS, RULES, AND REGULATIONS

## Miscellaneous Publications:

- M 80. Summary of State and Territorial plant quarantines affecting interstate shipment. 1930; revised 1946.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Miscellaneous Publications—Continued**

- \*M 135. The principal laws relating to the establishment and administration of the national forests and to other Forest Service activities. 1932; slightly revised 1940. 10¢. For sale only.
- M 285. Federal legislation, regulations, and rulings affecting cooperative extension work in agriculture and home economics. 1937; revised 1946.
- M 515. Federal legislation, rulings, and regulations affecting the State agricultural experiment stations. 1943; revised 1946.
- M 551. Patent manual for employees of the United States Department of Agriculture, 1944. 1944.

**Yearbook Separates:**

- YS 1878. Regulatory activities in animal disease control. 1942.

**Unnumbered:**

- \*An analysis of the effects of the processing taxes levied under the Agricultural Adjustment Act. 1937. 15¢. For sale only.
- \*Analysis of United States and State standards for fresh fruits and vegetables and legal standards for dairy products. 1937. 25¢. For sale only.
- Regulations governing the Meat Inspection of the United States Department of Agriculture. 1947.
- \*Revised edition of laws applicable to the United States Department of Agriculture 1945. Two volumes. \$4.00 a set. Sold in sets only. For sale only.
- State legislation for better land use. 1941.

**YEARBOOKS**

- \*YB 1936. Better plants and animals—I. \$1.25. For sale only.
- \*YB 1940. Farmers in a changing world. \$1.50. For sale only.
- \*YB 1941. Climate and man. \$1.75. For sale only.
- \*YB 1942. Keeping livestock healthy. \$1.75. For sale only.
- \*YB 1943-47. Science in farming. \$2.00. For sale only.
- \*YB 1948. Grass. \$2.00. For sale only.

**FIRE AND FIRE PREVENTION****Farmers' Bulletins:**

- \*F 1643. Fire safeguards for the farm. 1930; revised 1939. 10¢. For sale only.
- F 1678. Safe use and storage of gasoline and kerosene on the farm. 1932; revised 1945.
- \*F 1926. Preventing destructive fires in southern woodlands. 1943. 10¢. For sale only.

**Leaflets:**

- \*L 44. Fires on farms. 1929; slightly revised 1942. 5¢. For sale only.

**Circulars:**

- \*C 54. Development and problems in farmers' mutual fire insurance. 1928. 5¢. For sale only.
- \*C 76. Fires in cotton gins and how to prevent them. 1929. 5¢. For sale only.
- \*C 385. Dust explosions during fire fighting. 1936. 5¢. For sale only.
- C 449. Planning, constructing, and operating forest-fire lookout systems in California. 1937.
- \*C 591. Influence of altitude and aspect on daily variations in factors of forest-fire danger. 1941. 10¢. For sale only.
- \*C 710. Effects of fire on gum yields of longleaf and slash pines. 1944. 10¢. For sale only.
- \*C 719. Explosibility and fire hazard of ammonium nitrate fertilizer. 1945. 10¢. For sale only.

**Technical Bulletins:**

- \*T 490. Explosibility of agricultural and other dusts as indicated by maximum pressure and rates of pressure rise. 1935. 5¢. For sale only.
- \*T 494. Decay following fire in young Mississippi Delta hardwoods. 1935. 5¢. For sale only.
- T 574. Principles of forest-fire detection on the national forests of northern California. 1937.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Technical Bulletins—Continued

- \*T 651. Forest fire insurance in the Northeastern States. 1939. 10¢. For sale only.
- T 851. Deterioration of fire-killed Douglas-fir. 1943.
- \*T 876. Decay of logging slash in the Northeast. 1944. 10¢. For sale only.
- \*T 954. Some principles of visibility and their application to forest fire detection. 1948. 15¢. For sale only.

## FOREIGN AGRICULTURE

## Alaska Agricultural Experiment Station Circulars:

- \*AAESC 8. More eggs from Alaska flocks. 1948. 5¢. For sale only.

## Circulars:

- \*C 168. Insects injurious to agriculture in Japan. 1931. 20¢. For sale only.

## Discussion Series:

- DS 25. Let's talk about buying and selling farm products abroad. 1944.

## Foreign Agriculture Bulletins:

- FAB 1. The agriculture of Colombia. 1942.
- FAB 2. The agriculture of Cuba. 1942.

## Foreign Agriculture Reports:

- FAR 1. The fruit industry of Argentina. 1942.
- FAR 2. The fruit industry of Brazil. 1942.
- FAR 3. The fruit industry of Chile. 1942.
- FAR 4. The Amazon Basin Brazil nut industry. 1942.
- FAR 5. World corn production and trade. 1942.
- FAR 6. Medicinal plants of tropical and subtropical regions. 1942.
- FAR 7. The agricultural resources of Madagascar. 1942.
- FAR 8. Plants for insecticides and rodenticides. 1943.
- FAR 9. The fruit industry of Mexico. 1944.
- FAR 10. Programs of foreign governments for fiber-flax production. 1946.
- FAR 11. Fats and oils world production and trade. 1946.
- FAR 12. The livestock industry of Nicaragua. 1946.
- FAR 13. The Argentine tobacco industry. 1946.
- FAR 14. Agricultural climatology, physical belts, and crop ecology of Palestine and Trans-Jordan and their climatic analogues in the United States. 1946.
- FAR 15. World rice production and trade. 1946.
- FAR 16. The Brazilian tobacco industry. 1947.
- FAR 17. A study of rural life in Coastal Ecuador. 1947.
- FAR 18. North American agro-climatic analogues of prewar Czechoslovakia, Poland, and certain areas of East Prussia, Pomerania, G. M. Posen, West Prussia, Brandenburg, and Silesia. 1947.
- FAR 19. The position of American cotton in Poland. 1947.
- FAR 20. Future prospects for American cotton in Czechoslovakia. 1947.
- FAR 21. Mexican winter vegetable export industry. 1947.
- FAR 22. Prospects of American cotton in Austria. 1947.
- FAR 23. The position of American cotton in Switzerland. 1947.
- FAR 24. The position of American cotton in Sweden. 1948.
- FAR 25. Argentine farming and farm trade. 1948.
- FAR 26. Cacao cultivation and improvement programs. 1948.
- FAR 27. Canton Chullpas: A socioeconomic study in the Cochabamba Valley of Bolivia. 1948.
- FAR 28. World production, supply, and price of rotenone. 1948.
- FAR 29. World cacao-bean production and trade. 1948.
- FAR 30. Tobacco in the Dominican Republic. 1948.
- FAR 32. Planting and harvesting dates in Latin America. 1948.

## International Agricultural Collaboration:

- IAC 1. Mexican chickpeas (garbanzos in export market). 1947.
- IAC 2. Report of the China-United States Agricultural Mission. 1947.
- IAC 3. Report of the Philippine-United States Agricultural Mission. 1947.
- IAC 4. Report of the United States-Syria Agricultural Mission. 1947.
- IAC 5. Fresh-vegetable industry of Mexico and the United States. 1947.

## International Agricultural Collaboration—Continued

IAC 6. Manual of procedure for planning agricultural research. 1948.

IAC 7. Report of the United States-Lebanon Agricultural Mission. 1948.

## Miscellaneous Publications:

M 593. Prewar world production and consumption of plant foods in fertilizers. 1946.

## Separates from Agricultural Statistics:

SA 57. Foreign trade of the United States in agricultural products. 1941.

SA 68. Foreign trade of the United States in agricultural products. 1942.

## Technical Bulletins:

\*T 455. The European corn borer and its controlling factors in the Orient. 1934. 5¢. For sale only.

\*T 728. Parasites of the oriental fruit moth in Japan and Chosen and their introduction into the United States. 1940. 10¢. For sale only.

\*T 738. Investigations of the parasites of *Popillia japonica* and related Scarabaeidae in the Far East from 1929 to 1933, inclusive. 1940. 10¢. For sale only.

## Unnumbered:

Agricultural geography of the Philippine Islands. 1945.

Conference report on—the contribution of extension methods and techniques toward the rehabilitation of war torn countries. 1945.

## FORESTRY

## ADMINISTRATION AND MANAGEMENT

## Farmers' Bulletins:

F 1123. Growing and planting hardwood seedlings on the farm. 1921; slightly revised 1941.

F 1256. Slash pine. 1922; slightly revised 1940.

F 1405. The windbreak as a farm asset. 1924; revised 1944.

\*F 1486. Long-leaf pine primer. 1926; slightly revised 1940. 5¢. For sale only.

F 1492. Arbor day: Its purpose and observance. 1926; revised 1940.

F 1517. Loblolly pine primer. 1926.

F 1526. Clearing land of brush and stumps. 1927; revised 1946.

F 1671. Shortleaf pine. 1931; revised 1940.

F 1892. Pruning southern pines. 1942.

F 1940. Woodlands in the farm plan. 1943.

F 1984. Modern turpentining practices. 1947.

F 1989. Managing the small forest. 1947; slightly revised 1948.

F 1994. Tree planting in the Central, Piedmont, and Southern Appalachian regions. 1948.

## Leaflets:

L 29. The farm woods: A savings bank paying interest. 1928.

L 84. Planting black walnut. 1932.

L 86. Protect hardwood stands from grazing. 1933; revised 1941.

L 155. Growing nursery stock of southern pines. 1938.

L 159. Planting southern pines. 1938.

L 168. Dual purpose pines. 1939.

## Agricultural Information Series:

IS 10. What are we aiming at? A Forest Conservation Program. 1945.

IS 13. Don't kill the forest goose. 1945.

IS 17. Better management on southern Coastal forest ranges. 1945.

IS 29. Farm woodland management in the Western Gulf region. 1945.

IS 35. Farmer Jones' timber crop. 1946.

## Circulars:

C 358. The forest-tax problem and its solution summarized. 1935.

C 379. Shipmast locust a valuable undescribed variety of *Robinia pseudo-acacia*. 1936.

\*C 434. Commercial planting on redwood cut-over lands. 1937. 10¢. For sale only.

\*C 453. Sulphuric acid treatment to increase germination of black locust seed. 1937. 10¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Circulars—Continued

- \*C 770. Spacing distances for windbreak trees on the northern Great Plains. 1948. 10¢. For sale only.
- \*C 772. Seeding as a means of reforestation in the northern Rocky Mountain region. 1947. 10¢. For sale only.
- \*C 778. Red pine management in Minnesota. 1948. 20¢. For sale only.
- C 792. Methods used to control pollination of pines in the Sierra Nevada of California. 1948.

## Discussion Series:

- DS 26. Let's talk about timber supplies. 1945.

## Miscellaneous Publications:

- \*M 135. The principal laws relating to the establishment and administration of the National forests and to other Forest Service activities. 1932; slightly revised 1940. 10¢. For sale only.
- M 162. Our forests: What they are and what they mean to us. 1933; revised 1944.
- M 247. Forestry and permanent prosperity. 1936; revised 1939.
- M 290. The work of the U. S. Forest Service. 1938; revised 1945.
- \*M 307. Knots in second-growth pine and the desirability of pruning. 1938. 10¢. For sale only.
- \*M 364. A selected bibliography of North American forestry. 1940. (Two volumes.) 75¢ each or \$1.50 a set. For sale only.
- M 395. Forestry for 4-H Clubs. 1941.
- M 477. The central American species of *Quercus*. 1942.
- \*M 543. Some plain facts about the forest. 1944; slightly revised 1945. 10¢. For sale only.
- M 648. The Anthracite Forest Region: A problem area. 1948.
- M 659. Tree breeding at the Institute of Forest Genetics. 1948.

## Technical Bulletins:

- \*T 407. Growth in selectivity cut ponderosa pine forests of the Pacific Northwest. 1934. 10¢. For sale only.
- T 742. Methods of distinguishing between the shipmast and common forms of black locust on Long Island, N. Y. 1941.
- T 767. Natural regeneration in the western white pine type. 1941.
- T 863. Management of jack pine stands in the Lake States. 1944.
- \*T 954. Some principles of visibility and their application to forest fire control. 1948. 15¢. For sale only.

## Yearbook Separates:

- \*YS 1948. Better timber from farms. 1947. 5¢. For sale only.
- \*YS 1949. Timber—a modern crop. 1947. 5¢. For sale only.
- \*YS 1950. Hybrid forest trees. 1947. 5¢. For sale only.
- \*YS 1951. Forests for old fields. 1947. 5¢. For sale only.
- \*YS 1988. Machine-made forests. 1947. 5¢. For sale only.

## American Wood Series:

- \*American basswood. 1945. 5¢. For sale only.
- \*American beech. 1945. 5¢. For sale only.
- \*American holly. 1945. 5¢. For sale only.
- \*American sycamore. 1945. 5¢. For sale only.
- \*Ash. 1945. 5¢. For sale only.
- \*Aspen. 1945. 5¢. For sale only.
- \*Atlantic white-cedar. 1945. 5¢. For sale only.
- \*Baldecypress. 1945. 5¢. For sale only.
- \*Balsam fir. 1945. 5¢. For sale only.
- \*Balsam poplar. 1945. 5¢. For sale only.
- \*Birch. 1945. 5¢. For sale only.
- \*Black cherry. 1945. 5¢. For sale only.
- \*Black locust. 1945. 5¢. For sale only.
- \*Black willow. 1945. 5¢. For sale only.
- \*Butternut. 1945. 5¢. For sale only.
- \*California incense-cedar. 1945. 5¢. For sale only.
- \*Chestnut. 1945. 5¢. For sale only.
- \*Cottonwood. 1945. 5¢. For sale only.
- \*Eastern red cedar. 1945. 5¢. For sale only.



**American Wood Series—Continued.**

- \*Eastern spruce. 1945. 5¢. For sale only.
- \*Eastern white pine. 1945. 5¢. For sale only.
- \*Elm. 1945. 5¢. For sale only.
- \*Engelmann spruce. 1945. 5¢. For sale only.
- \*Flowering dogwood. 1945. 5¢. For sale only.
- \*Hackberry. 1945. 5¢. For sale only.
- \*Hickory. 1945. 5¢. For sale only.
- \*Lodgepole pine. 1945. 5¢. For sale only.
- \*Magnolia. 1945. 5¢. For sale only.
- \*Northern white-cedar. 1945. 5¢. For sale only.
- \*Oaks. 1945. 5¢. For sale only.
- \*Osage-orange. 1945. 5¢. For sale only.
- \*Pecan. 1945. 5¢. For sale only.
- \*Persimmon. 1945. 5¢. For sale only.
- \*Ponderosa pine. 1945. 5¢. For sale only.
- \*Port Oxford white-cedar. 1945. 5¢. For sale only.
- \*Red alder. 1945. 5¢. For sale only.
- \*Red pine. 1945. 5¢. For sale only.
- \*Redwood. 1945. 5¢. For sale only.
- \*Sitka spruce. 1945. 5¢. For sale only.
- \*Southern pines. 1945. 5¢. For sale only.
- \*Sweet gum. 1945. 5¢. For sale only.
- \*Western hemlock. 1945. 5¢. For sale only.
- \*Western larch. 1945. 5¢. For sale only.
- \*Western redcedar. 1945. 5¢. For sale only.
- \*Western white pine. 1945. 5¢. For sale only.
- \*Yellow poplar. 1945. 5¢. For sale only.

**Forest Service Reappraisal Reports:**

- \*No. 3. Management status of forest lands in United States. 1946; slightly revised 1947. 20¢. For sale only.

**Unnumbered:**

- \*Forest trees of the Pacific Slope. 1908. \$1.50. For sale only.
- National forest areas, June 30, 1948.

**Posters:**

- M 5159. How a tree grows. 1934. 16 by 21 inches. Colored.

**DISEASES****Farmers' Bulletins:**

- F 1398. Currants and gooseberries: Their culture and relation to white-pine blister rust. 1924; slightly revised 1946.
- F 1885. Treatment of white pines infected with blister rust. 1942.
- F 1887. Reducing losses from tree diseases in eastern forests and farm woodlands. 1942.

**Leaflets:**

- L 175. Eradication of the cultivated black currant in white pine regions. 1939.

**Agricultural War Information Series:**

- W 82. Prevent tanbark deterioration. 1944.

**Circulars:**

- C 677. Dutch elm disease and its control. 1943.
- C 716. Little leaf disease of pine. 1945.
- C 717. Chemical impregnation of trees and poles for wood preservation. 1944.

**Technical Bulletins:**

- T 346. The effect of concentration on the toxicity of chemicals to living organisms. 1933.
- \*T 494. Decay following fire in young Mississippi Delta hardwoods. 1935. 5¢. For sale only.
- \*T 527. Progressive effect of *Polyporus versicolor* on the physical and chemical properties of red gum sapwood. 1936. 10¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Technical Bulletins—Continued.

- \*T 684. Butt rot in unburned sprout oak stands. 1939. 15¢. For sale only.
- \*T 692. Chemical and mechanical methods of *Ribes* eradication in the white pine areas of the Western States. 1940. 15¢. For sale only.
- \*T 779. The effect of certain heart rot fungi on the specific gravity and strength of Sitka spruce and Douglas fir. 1941. 5¢. For sale only.
- T 785. Fungi causing decay of living oaks in the eastern United States and their cultural identification. 1942.
- T 851. Deterioration of fire-killed Douglas-fir. 1943.
- \*T 872. Decay in balsam fir in New England and New York. 1944. 10¢. For sale only.
- \*T 876. Decay of logging slash in the Northeast. 1944. 10¢. For sale only.

## Yearbook Separates:

- \*YS 1952. Canker stain of planetrees. 1947. 5¢. For sale only.
- \*YS 1996. Fungi in forest products. 1947. 5¢. For sale only.

## Forest Service Reappraisal Reports:

- \*No. 5. Protection against forest insects and diseases in the United States. 1947. 20¢. For sale only.

## INSECT ENEMIES

## Farmers' Bulletins:

- \*F 1477. Preventing damage by *Lyctus* powder-post beetles. 1926; slightly revised 1938. 5¢. For sale only.
- \*F 1582. Protection of log cabins, rustic work and unseasoned wood from injurious insects. 1929; slightly revised 1943. 10¢. For sale only.
- \*F 1586. The southern pine beetle: A serious enemy of pines in the South. 1929. 5¢. For sale only.
- F 1824. The Black Hills beetle, a serious enemy of Rocky Mountain pines. 1939.

## Leaflets:

- L 161. The eastern tent caterpillar. 1938; slightly revised 1947.
- L 183. Cankerworms. 1939.
- L 242. The spruce budworm. 1944.

## Agricultural Information Series:

- IS 36. Longer life for poles and posts. 1946.

## Bibliographical Bulletins:

- B 9. Review of literature on chinchona diseases, injuries, and fungi. 1948.

## Circulars:

- C 221. The white-pine weevil. 1932; revised 1943.
- \*C 419. The fir engraver beetle, a serious enemy of white fir and red fir. 1937. 5¢. For sale only.
- \*C 572. Life history and control of the imported willow leaf beetle. 1940. 5¢. For sale only.
- \*C 664. The mountain pine beetle, an important enemy of western pines. 1943. 5¢. For sale only.
- C 683. Effectiveness of wood preservatives in preventing attack by termites. 1943.
- C 717. Chemical impregnation of trees and poles for wood preservation. 1944.

## Miscellaneous Publications:

- \*M 417. Bark beetles of the genus *Hylastes* Erichson in North America. 1941. 10¢. For sale only.

## Technical Bulletins:

- \*T 757. Parasites of the birch leaf mining sawfly. 1941. 10¢. For sale only.

**Forest Service Reappraisal Reports:**

- \*No. 5. Protection against forest insects and diseases in the United States. 1947. 20¢. For sale only.

**FOREST INFLUENCES****Farmers' Bulletins:**

- F 1405. The windbreak as a farm asset. 1924; revised 1944.  
 F 1492. Arbor Day: Its purpose and observance. 1926; revised 1940.  
 \*F 1926. Preventing destructive fires in southern woodlands. 1943. 10¢.  
 For sale only.

**Leaflets:**

- L 244. Community forests for rural people. 1945.

**Agricultural Information Series:**

- IS 34. Forestry and jobs. 1945.  
 IS 67. Know your watersheds. 1948.

**Circulars:**

- C 358. The forest-tax problem and its solution summarized. 1935.  
 \*C 591. Influence of altitude and aspect on daily variations in factors of forest-fire danger. 1941. 10¢. For sale only.  
 \*C 710. Effects of fire on gum yields of longleaf and slash pines. 1944. 10¢. For sale only.  
 \*C 774. Local climate in the Copper Basin of Tennessee as modified by the removal of vegetation. 1948. 10¢. For sale only.

**Miscellaneous Publications:**

- M 162. Our forests: What they are and what they mean to us. 1933; revised 1944.  
 M 247. Forestry and permanent prosperity. 1936; revised 1939.  
 M 249. Careers in forestry. 1938; revised 1945.  
 M 373. State forests for public use. 1940.  
 \*M 388. Living and forest lands. 1940; slightly revised 1941. 10¢. For sale only.  
 M 600. Water and our forests. 1946.  
 \*M 639. Watershed management for summer flood control in Utah. 1947. 10¢. For sale only.  
 M 648. The Anthracite Forest Region: A problem area. 1948.

**Technical Bulletins:**

- \*T 494. Decay following fire in young Mississippi Delta hardwoods. 1935. 5¢. For sale only.  
 T 851. Deterioration of fire-killed Douglas-fir. 1943.

**Miscellaneous:**

- M 5241. Handling your big game kill. 1938; revised 1947.

**Forest Service Reappraisal Reports:**

- \*No. 6. Forest cooperatives in the United States. 1947. 15¢. For sale only.

**Unnumbered:**

- \*Camp stoves and fireplaces. 1937. (Paper cover.) 50¢. For sale only.  
 \*Community forests. 1939. 10¢. For sale only.  
 National forest vacations. 1940.

**FOREST PRODUCTS****Farmers' Bulletins:**

- F 744. The preservative treatment of farm timber. 1916; revised 1928.  
 F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940.  
 F 1660. The use of logs and poles in farm construction. 1931; slightly revised 1948.  
 F 1756. Selection of lumber for farm and home building. 1936.  
 F 1975. Farm buildings from home-grown timber in the South. 1945.  
 F 1984. Modern turpentine practices. 1947.

**Leaflets:**

- \*L 62. Why some wood surfaces hold paint longer than others. 1930. 5¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Leaflets—Continued

- \*L 83. More turpentine, less scar, better pine. 1932. 5¢. For sale only.
- L 156. Harvesting and selling seed of southern pines. 1938.

## Agricultural Information Series:

- IS 36. Longer life for poles and posts. 1946.

## Agricultural War Information Series:

- W 82. Prevent tanbark deterioration. 1944.

## Circulars:

- \*C 131. Utilization of black locust. 1930. 10¢. For sale only.
- \*C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. 10¢. For sale only.
- C 641. Fuel wood used in the United States, 1630–1930. 1942.
- C 668. The composition of paper and paperboards manufactured in 1939. 1943.
- \*C 710. Effects of fire on gum yields of longleaf and slash pines. 1944. 10¢. For sale only.
- C 717. Chemical impregnation of trees and poles for wood preservation. 1944.

## Department Bulletins:

- DB 706. American sumac: A valuable tanning material and dyestuff. 1918; slightly revised 1935.

## Miscellaneous Publications:

- \*M 306. The Forest Products Laboratory. 1938. 15¢. For sale only.
- M 358. Use and abuse of wood in house construction. 1939.
- M 579. Building with logs. 1945.
- M 629. Wood properties and paint durability. 1947.

## Miscellaneous Circulars:

- \*MC 66. The identification of furniture woods. 1926. 25¢. For sale only.

## Technical Bulletins:

- T 167. Tests of large timber columns and presentation of the Forest Products Laboratory column formula. 1930.
- \*T 171. Principles of box and crate construction. 1930. 55¢. For sale only.
- \*T 174. The air-seasoning of wood. 1930. 35¢. For sale only.
- T 282. Strength-moisture relations for wood. 1932.
- T 305. The strength and related properties of redwood. 1932.
- \*T 334. The effect of inorganic acids on the physical properties of water-leaf rag bond paper. 1932. 5¢. For sale only.
- \*T 527. Progressive effect of *Polyporus versicolor* on the physical and chemical properties of red gum sapwood. 1936. 10¢. For sale only.
- T 596. Composition and fractionation of American steam-distilled wood turpentine. 1937.
- T 749. Composition of American gum turpentine exclusive of the pinenes. 1941.
- T 824. Machining and related characteristics of southern hardwoods. 1942.
- \*T 876. Decay of logging slash in the Northeast. 1944. 10¢. For sale only.
- T 929. Passage of liquids, vapors, and dissolved materials through soft-woods. 1946.

## Yearbook Separates:

- \*YS 1948. Better timber from farms. 1947. 5¢. For sale only.
- \*YS 1973. New goods from wood. 1947. 5¢. For sale only.
- YS 1995. Prefabrication on the farm. 1947.

## Forest Service Reappraisal Reports:

- \*No. 2. Potential requirements for timber products in the United States. 1947; slightly revised 1947. 30¢. For sale only.

## Unnumbered:

- Products of American forests. 1939; slightly revised 1946.
- What forests give. 1938; revised 1940.
- \*The wood handbook. 1935; slightly revised 1940. 75¢. For sale only.



**Miscellaneous:**

- M 5241. Handling your big game kill. 1938; revised 1947.  
 M 5293. What we get from trees. 27 by 39 inches. Colored. 1945.

**LUMBERING****Farmers' Bulletins:**

- F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940.  
 F 1459. Selling black-walnut timber. 1925; revised 1947.  
 F 1907. Equipment and methods for harvesting farm woodland products. 1942.

**Agricultural Information Series:**

- IS 2. Guide for cutting loblolly pine of the Eastern Shore. 1945.  
 IS 3. Guide for cutting Allegheny northern hardwoods. 1945.  
 IS 4. Guide for cutting New England northern hardwoods. 1945.  
 IS 5. Guide for cutting oak forests. 1945.  
 IS 6. Guide for cutting red spruce. 1945.  
 IS 7. Guide for cutting eastern white pine. 1945.

**Circulars:**

- C 557. Cost of producing white pine lumber in New England. 1940.

**Miscellaneous Publications:**

- \*M 225. Converting factors and tables of equivalents used in forestry. 1935; revised 1947. 15¢. For sale only.

**Statistical Bulletins:**

- \*SB 76. Stumpage and log prices for the calendar year 1940. 1942. 10¢. For sale only.  
 SB 78. Stumpage and log prices for the calendar year 1941. 1943.  
 SB 80. Stumpage and log prices for the calendar year 1943. 1944.  
 SB 82. Stumpage and log prices for the calendar year 1945. 1948.

**Technical Bulletins:**

- \*T 700. Costs of tractor logging in southern pine. 1939. 15¢. For sale only.  
 \*T 876. Decay of logging slash in the Northeast. 1944. 10¢. For sale only.

**Unnumbered:**

- \*The wood handbook. 1935; slightly revised 1940. 75¢. For sale only.  
 Woodsmanship for the Civilian Conservation Corps. 1941.

**RESOURCES****Miscellaneous Publications:**

- M 162. Our forests: What they are and what they mean to us. 1933; revised 1944.  
 M 247. Forestry and permanent prosperity. 1936; revised 1939.  
 \*M 309. Forest resources of the North Louisiana Delta. 1938. 20¢. For sale only.  
 M 326. Forest resources of southeastern Texas. 1939.  
 \*M 390. Forest resources of south Georgia. 1941. 20¢. For sale only.  
 M 429. Forest resources of the Upper Peninsula of Michigan. 1941.  
 M 490. Forest resources of the Ponderosa Pine region. 1942.  
 M 501. Georgia forest resources and industries. 1943.  
 \*M 508. Northern Idaho forest resources and industries. 1942. 30¢. For sale only.  
 \*M 543. Some plain facts about the forests. 1944; slightly revised 1945. 10¢. For sale only.

**Forest Service Reappraisal Reports:**

- \*No. 1. Gaging the timber resource of the United States. 1947; slightly revised 1947. 25¢. For sale only.

**HEALTH AND ACCIDENT PREVENTION****Agricultural Information Series:**

- IS 75. First aid for flooded homes and farms. 1937; revised 1948.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins:**

- F 1678. Safe use and storage of gasoline and kerosene on the farm. 1932; revised 1945.  
 F 1950. Sewage and garbage disposal on the farm. 1944; revised 1946.  
 \*F 1972. Poison-ivy, poison-oak and poison sumac. 1945; slightly revised 1946. 10¢. For sale only.  
 F 1991. The use of disinfectants on the farm. 1947.

**Leaflets:**

- L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.  
 L 177. The pasteurization of milk. 1939.

**Miscellaneous Publications:**

- \*M 573. Better health for rural America. 1945. 20¢. For sale only.  
 M 608. Watch your step: Avoid farm accidents. 1946.

**Yearbook Separates:**

- YS 1970. Penicillin. 1947.  
 YS 1971. Rutin for the capillaries. 1947.

**Posters:**

- Pork—A savory nourishing food. 11 by 13½ inches. Colored. 1944.  
 These foods prevent pellagra. 16 by 24 inches. Colored. 1931.

**Miscellaneous:**

- FSA 129. A handbook on health for farm families. 1944.

## HOME ECONOMICS

### CLOTHING AND TEXTILES

**Farmers' Bulletins:**

- F 1474. Stain removal from fabrics: Home methods. 1926; revised 1942.  
 F 1497. Methods and equipment for home laundering. 1926; slightly revised 1940.  
 \*F 1778. Fabrics and designs for children's clothes. 1937. 10¢. For sale only.  
 \*F 1837. Cotton shirts for men and boys. 1939; slightly revised 1943. 5¢. For sale only.  
 F 1873. Slip covers for furniture. 1941; revised 1943.  
 \*F 1877. Buying boys' suits. 1941. 5¢. For sale only.  
 F 1894. Coat making at home. 1941.  
 F 1905. Work clothes for women. 1942.  
 F 1925. A B C's of mending. 1942; slightly revised 1946.  
 F 1944. Sewing machines—cleaning and adjusting. 1943.  
 F 1954. Making a dress at home. 1944.  
 F 1960. Carpet and rug repair. 1944.  
 F 1963. Dresses and aprons for work in the home. 1944; revised 1947.  
 F 1964. Fitting dresses. 1945.  
 \*F 1968. Pattern alteration. 1945. 10¢. For sale only.

**Agricultural Information Series:**

- IS 72. Preventing and removing mildew—home methods. 1948.

**Agricultural War Information Series:**

- W 26. Take care of the wool you have. 1943.

**Circulars:**

- \*C 543. Two rapid methods for estimating fineness and cross-sectional variability of wool. 1939. 5¢. For sale only.  
 C 590. A rapid method of projecting and measuring cross-sections of wool fibers. 1940.  
 C 654. Cross-section-area method for determining density of wool fibers. 1942.  
 C 680. Sampling fleeces for determining average wool fineness. 1943.  
 C 704. Sampling and measuring methods for determining fineness and uniformity in wool. 1944; slightly revised 1947.  
 \*C 737. The deterioration of cotton fabric by certain micro-organisms. 1945. 5¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Circulars—Continued.

- C 758. Effectiveness of fungicidal chemicals in preventing the growth of *Trichophyton interdigitale* and *Epidermophyton floccosum* in shoe leather. 1947.

## Miscellaneous Publications:

- \*M 62. Bibliography on the relation of clothing to health. 1929. 25¢. For sale only.  
 \*M 230. Home dyeing with natural dyes. 1935. 10¢. For sale only.  
 \*M 366. Body measurements of American boys and girls for garment and pattern construction. 1941. 60¢. For sale only.  
 \*M 422. Family expenditures for clothing. Five regions. (Consumer purchases study—Urban and village series.) 1941. 35¢. For sale only.  
 M 426. The *Aspergillus glaucus* group. 1941.  
 \*M 427. Questions and answers on the cotton mattress program. 1941. 5¢. For sale only.  
 \*M 428. Family expenditures for clothing. Five regions. (Consumer purchases study—Farm series.) 1941. 30¢. For sale only.  
 M 454. Women's measurements for garment and pattern construction. 1941.  
 M 482. Mending men's suits. 1943.  
 \*M 545. Make-overs from coats and suits. 1944. 10¢. For sale only.  
 M 575. Knitwear make-overs. 1945.  
 M 591. How to tailor a woman's suit. 1946.  
 M 614. Make-overs from leather, fur and felt. 1946.  
 M 641. Women's preferences among selected textile products. 1947.

## Technical Bulletins:

- \*T 645. Manufacturing and serviceability tests on sheetings made from two selected mill types of cotton. 1939. 10¢. For sale only.  
 \*T 803. Serviceability of selected types of cotton and rayon knit underwear. 1942. 5¢. For sale only.  
 T 878. Neps in cotton yarns as related to variety, location, and season of growth. 1944.  
 T 891. Marketing and manufacturing margins for textiles. 1945.  
 T 892. Testing fabrics for resistance to mildew and rot. 1945.  
 T 931. Fiber and spinning properties of cotton, with special reference to varietal and environmental effects. 1946.  
 T 941. Commercial cotton-bleaching processes and their effect on fabrics. 1947.  
 T 949. Structure, determined by X-ray, and strength of cotton fiber. 1948.

## Unnumbered:

Make or buy a mattress. 1940.

## ECONOMIC STUDIES

## Agricultural Information Series:

IS 76. People and potatoes. 1948.

## Circulars:

- \*C 481. Food consumption of children at the National Child Research Center. 1938. 10¢. For sale only.  
 \*C 507. Diets of families of employed wage earners and clerical workers in cities. 1939. 15¢. For sale only.  
 \*C 645. Low-priced milk and the consumption of dairy products among low-income families, Washington, D. C., 1940. 1942. 10¢. For sale only.

## Miscellaneous Publications:

- \*M 205. Economic and social problems and conditions of the southern Appalachians. 1935. 50¢. For sale only.  
 M 339. Family income and expenditures. Pacific region, part one, family income. (Consumer purchases study—Urban and village series.) 1939.  
 \*M 356. Family income and expenditures. Pacific region and Plains and Mountain region, part one, family income. (Consumer purchases study—Farm series.) 1939. 30¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Miscellaneous Publications—Continued.

- \*M 370. Family income and expenditures. Middle Atlantic and North Central region and New England region, part one, family income. (Consumer purchases study—Urban and village series.) 1940. 50¢. For sale only.
- \*M 375. Family income and expenditures. Southeast region, part one, family income. (Consumer purchases study—Urban and village series.) 1940. 35¢. For sale only.
- \*M 383. Family income and expenditures. Middle Atlantic, North Central and New England regions, part one, family income. (Consumer purchases study—Farm series.) 1940. 25¢. For sale only.
- \*M 396. Family income and expenditures. Five regions, Part 2, family expenditures. 1940. 40¢. For sale only.
- \*M 399. Family housing and facilities. Five regions. (Consumer purchases study—Urban, village, farm.) 1940. 25¢. For sale only.
- M 405. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Farm series.) 1941.
- \*M 415. Family expenditures for automobile and other transportation. Five regions. (Consumer purchases study—Urban, village, farm.) 1941. 30¢. For sale only.
- \*M 422. Family expenditures for clothing. Five regions. (Consumer purchases study—Urban and village series.) 1941. 35¢. For sale only.
- \*M 428. Family expenditures for clothing. Five regions. (Consumer purchases study—Farm series.) 1941. 30¢. For sale only.
- M 430. Are we well fed? A report on the diets of families in the United States. 1941.
- \*M 436. Family expenditures for furnishings and equipment. Five regions. (Consumer purchases study—Urban, village, farm.) 1941. 25¢. For sale only.
- M 452. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Urban and village series.) 1941.
- \*M 455. Family expenditures for personal care, gifts, selected taxes and miscellaneous items. 1941. 20¢. For sale only.
- \*M 456. Family expenditures for education, reading, recreation and tobacco. 1941. 25¢. For sale only.
- \*M 457. Family expenditures for housing and household operation. Five regions. (Consumer purchases study—Farm series.) 1941. 25¢. For sale only.
- \*M 462. Family income expenditures. Southeast region, part 1, family income. (Consumer purchases study—Farm series.) 1941. 25¢. For sale only.
- \*M 464. Changes in assets and liabilities of families. Five regions. (Consumer purchases study—Urban, village, farm.) 1941. 25¢. For sale only.
- M 465. Family income and expenditures. Five regions, part 2, family expenditures. (Consumer purchases study—Farm series.) 1941.
- M 489. Family spending and saving as related to age of wife and age and number of children. 1942.
- \*M 520. Rural family spending and saving in wartime. 1943. 20¢. For sale only.
- \*M 581. High-level food consumption in the United States. 1945. 10¢. For sale only.
- M 641. Women's preference among selected textile products. 1947.
- \*M 653. How families use their incomes. 1948. 30¢. For sale only.
- M 667. Potato preferences among household consumers. 1948.

## Technical Bulletins:

- \*T 576. Family living in Knott County, Ky. 1937. 10¢. For sale only.
- T 963. Efficient use of food resources in the United States. 1948.

## Unnumbered:

- \*Food consumption levels in the United States, Canada, and the United Kingdom. (Third report.) 1946. 15¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## FOODS

## Nutrition and Composition

## Agricultural Information Series:

- IS 21. Food for two. 1945.
- IS 39. Foods—enriched, restored, fortified. 1945; slightly revised 1946.  
(For teachers and nutrition leaders.)
- IS 53. National food guide. 1946; slightly revised 1948.
- IS 71. Food for families with school children. 1948.

## Agricultural War Information Series:

- W 2. Vitamins from farm to you. 1942.
- W 107. Eat a good breakfast . . . to start a good day. 1944; slightly revised 1946.

## Circulars:

- C 183. Factors for converting percentages of nitrogen in foods and feeds into percentages of proteins. 1931; slightly revised 1941.
- \*C 481. Food consumption of children at the National Child Research Center. 1938. 10¢. For sale only.
- \*C 507. Diets of families of employed wage earners and clerical workers in cities. 1939. 15¢. For sale only.
- \*C 549. Proximate composition of American food materials. 1940. 25¢. For sale only.
- \*C 595. The growth and composition of the fruit of okra in relation to its eating quality. 1941. 5¢. For sale only.
- \*C 631. Protein-digesting enzymes of papaya and pineapple. 1941. 5¢. For sale only.
- \*C 638. A compilation of the vitamin values of foods in relation to processing and other variants. 1942. 25¢. For sale only.
- C 752. Effect of parboiling and related treatments on the milling, nutritional, and cooking quality of rice. 1946.

## Farmer and the War Series:

- FW 5. American farmers and the United Nations Conference on food and agriculture. 1943.

## Miscellaneous Publications:

- M 405. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Farm series.) 1941.
- M 430. Are we well fed? A report on the diets of families in the United States. 1941.
- M 452. Family food consumption and dietary levels. Five regions. (Consumer purchases study—Urban and village series.) 1941.
- \*M 536. The vitamin content and the preservation of foods. 1944. 25¢. For sale only.
- \*M 546. Principles of nutrition and nutritive value of food. 1944. 10¢. For sale only.
- \*M 581. High-level food consumption in the United States. 1945. 10¢. For sale only.
- \*M 616. Nutritive value of the per capita food supply. 1909–45. 1947. 20¢. For sale only.
- M 628. Vitamin and mineral content of certain foods as affected by home preparation. 1948.
- M 636. Butter as a source of vitamin A in the diet of the people of the United States. 1947.

## Nutrition Food Conservation Series:

- NFC 2. Planning meals for industrial workers. 1943.
- NFC 3. Handbook for workers in school-lunch programs with special reference to volunteer service. 1943.
- NFC 5. The food we live by. 1943.
- NFC 8. Eat a lunch that packs a punch. 1943; revised 1945.
- NFC 14. Industrial feeding management. 1945.

## Technical Bulletins:

- T 507. The cooking quality, palatability, and carbohydrate composition of potatoes as influenced by storage temperature. 1936.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Technical Bulletins—Continued.**

- \*T 671. Composition and properties of goat's milk as compared with cow's milk. 1939. 10¢. For sale only.
- \*T 707. The vitamin B content of foods in terms of crystalline thiamin. 1939. 5¢. For sale only.
- \*T 802. The vitamin A values of 128 foods as determined by the rat-growth method. 1941. 10¢. For sale only.
- T 821. Nutritive properties of lard and other shortening. 1942.
- T 832. Effect of homogenization on the curd tension, digestibility, and keeping quality of milk. 1942.
- T 906. Nutritive properties of pork protein and its supplemental value for bread protein. 1945.
- T 910. Compositional changes in the date fruit during growth and ripening. 1946.
- T 926. Estimation of the composition of beef carcasses and cuts. 1946.
- T 944. Estimation of the composition of lamb carcasses and cuts. 1947.

**Yearbook Separates:**

- \*YS 1668. Human nutrition (with literature cited.) 1939. 75¢. For sale only.
- \*YS 1978. What we eat, and why. 1947. 5¢. For sale only.
- \*YS 1979. Known nutrients in milk. 1947. 5¢. For sale only.
- YS 1980. Unidentified nutrients. 1947.

**Unnumbered:**

Promoting better nutrition. (Reprint from the Report on the Agricultural Experiment Stations, 1944.)

**Charts:**

- \*Get the good from your food. Set of 10 picture charts. 14½ by 20 inches. Black and red on white. 1942. 25¢ a set. Sold in sets only. For sale only.
  1. Introductory chart.
  2. Fruit.
  - 3, 4, and 5. Vegetables.
  - 6 and 7. Meat.
  8. Poultry.
  9. Eggs.
  10. Fats.
- \*Little exhibits. Nutrition set 2. 38 by 24 inches. Black and white. 1942. 10¢ a set. For sale only.
  1. Plan a good living from your farm.
  2. Produce-store.
- \*Nutrition charts. Set of 10 charts. 18½ by 23½ inches. Colored. 1935; revised 1946. 75¢ a set. Sold in sets only. For sale only.
  1. Growth . . . a measure of good nutrition.
  2. Food makes the difference in these twin rats.
  3. Protein builds muscles, blood; is needed for growth.
  4. Iron, needed by the body to build red blood.
  5. Calcium builds bones, teeth, and is needed by all tissues of the body.
  6. Vitamin A . . . needed for growth, healthy eyes, skin, and other tissues.
  7. Thiamin (Vitamin B<sub>1</sub>) . . . needed by body cells to use carbohydrates.
  8. Riboflavin . . . promotes health by helping body cells use oxygen.
  9. Ascorbic acid (Vitamin C) helps to build healthy gums, teeth, and bones.
  10. Vitamin D . . . for well-formed bones, teeth, and to prevent rickets.

**Posters:**

- Avoid fatigue: Eat a lunch that packs a punch. 16 by 22 inches. Colored. 1943.
- Eat the basic seven every day: Eat a lunch that packs a punch. 20 by 20¼ inches. Colored. 1943.
- Eat three well-balanced meals every day: Eat the basic seven every day, feel better, work better, fewer accidents. 17 by 22 inches. Colored. 1943.
- For health eat some food from each group every day. 20 by 28 inches. Colored. 1943.
- Good food means good work: Eat the basic seven every day. 14 by 22 inches. Colored. 1943.
- Pork—A savory nourishing food. 11 by 13½ inches. Colored. 1944.

**Preparation and Recipes****Farmers' Bulletins:**

- \*F 1617. Soybean utilization. 1930; revised 1932. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins—Continued.**

- F 1734. Making American cheese on the farm for home consumption. 1934.
- F 1775. Homemade bread, cake and pastry. 1937; slightly revised 1942.
- F 1888. Poultry cooking. 1941.
- F 1908. Meat for thrifty meals. 1942.
- \*F 1977. Savory herbs: Culture and use. 1946. 10¢. For sale only.
- F 1979. Making and storing farm butter for home use. 1946.

**Leaflets:**

- L 34. Trichinosis: A disease caused by eating raw pork. 1929; slightly revised 1946.
- \*L 49. Ice creams frozen without stirring. 1929. 5¢. For sale only.
- L 74. Boning lamb cuts. 1931.
- L 113. Honey and some of its uses. 1936.
- \*L 166. Soybeans for the table. 1938. 5¢. For sale only.
- \*L 177. The pasteurization of milk. 1939. 5¢. For sale only.
- L 204. Fats and oils for cooking and table use. 1940.
- \*L 213. Sour cream: How to prepare and use it at home. 1941. 5¢. For sale only.

**Agricultural Information Series:**

- IS 8. Cooking dehydrated vegetables. 1944.
- IS 22. Making velva fruit at home. 1945.
- IS 28. Cooking with dried eggs. 1945.
- IS 42. Root vegetables in everyday meals. 1946.
- IS 58. Sweetpotato recipes. 1946.
- IS 68. Peanut and peanut butter recipes. 1948.
- IS 69. Money-saving main dishes. 1948.
- IS 74. Chicken in the freezer. 1948.

**Agricultural War Information Series:**

- W 16. Cheese in your meals. 1943.
- W 34. Fats in wartime meals. 1943; slightly revised 1944.
- W 47. Dried beans and peas in wartime meals. 1943.
- W 73. Cooking with soya flour and grits. 1943; slightly revised 1944.
- W 85. Potatoes in popular ways. 1944.
- W 89. Egg dishes for any meal. 1944; slightly revised 1944.
- W 104. Tomatoes on your table. 1944; slightly revised 1946.

**Miscellaneous Publications:**

- M 534. Soybeans and soybean products as food. 1943.
- M 628. Vitamin and mineral content of certain foods as affected by home preparation. 1948.

**Program Aid Service:**

- \*PA 18. School lunch recipes for 100. 1946. Set of 77 cards. \$1.00 per set. For sale only.
- PA 36. School lunch recipes using potatoes. 1948.
- PA 44. School lunch recipes using nonfat dry milk. 1948.
- PA 45. Quantities of food for serving school lunches. 1947.
- PA 50. A yardstick for school lunches. 1944; slightly revised 1948.
- PA 53. Estimating the cost of food for a school lunch. 1948.
- PA 57. School lunch recipes using dried fruits. 1948.
- PA 58. School lunch recipes using dried whole eggs. 1948.
- PA 59. Small equipment for the school lunch. 1948.
- PA 60. Planning and equipping school lunchrooms. 1948.

**Unnumbered:**

- \*Aunt Sammy's radio recipes. 1926; revised 1931. 30¢. For sale only.
- \*Dry skim milk. 1938. 5¢. For sale only.
- Use plentiful potatoes. 1948.

**Charts:**

- \*Get acquainted with soya flour and grits. Set of 4 illustrated charts. 14½ by 20 inches. Colored. 1943. 20¢ a set. For sale only.

**Preservation****Farmers' Bulletins:**

- F 1186. Pork on the farm: Killing, curing, and canning. 1921; slightly revised 1945.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins—Continued.**

- F 1415. Beef on the farm: Slaughtering, cutting, curing. 1924.  
 \*F 1424. Making vinegar in the home and on the farm. 1924; slightly revised 1936. 5¢. For sale only.  
 \*F 1438. Making fermented pickles. 1924; revised 1927. 5¢. For sale only.  
 \*F 1454. Home utilization of muscadine grapes. 1925; slightly revised 1942. 5¢. For sale only.  
 \*F 1796. Handling and preparing the Kieffer pear for use as food. 1938; slightly revised 1946. 5¢. For sale only.  
 F 1800. Home-made jellies, jams, and preserves. 1938; slightly revised 1945.  
 F 1807. Lamb and mutton on the farm. 1938.  
 F 1932. Preservation of vegetables by salting or brining. 1943; revised 1944.  
 F 1939. Home storage of fruits and vegetables. 1943; slightly revised 1943.  
 F 1979. Making and storing farm butter for home use. 1946.

**Agricultural Information Series:**

- IS 48. Home freezing of fruits and vegetables. 1946.  
 IS 52. Protect home-cured meat from insects. 1946.  
 IS 64. Home canning of fruits and vegetables. 1947.

**Agricultural War Information Series:**

- W 59. Oven drying—one way to save victory garden surplus. 1943.  
 W 75. Freezing meat and poultry products for home use. 1944; slightly revised 1945.  
 W 103. Pickle and relish recipes. 1944; slightly revised 1946.  
 W 104. Tomatoes on your table. 1944; slightly revised 1946.  
 W 108. Curing pork country style. 1944.  
 W 110. Home canning of meat. 1945; slightly revised 1946.

**Circulars:**

- \*C 553. Handling and storing small lots of dates at home. 1940. 5¢. For sale only.  
 C 706. Meat dehydration. 1944.  
 \*C 709. Freezing to preserve home-grown foods. 1945. 15¢. For sale only.

**Department Bulletins:**

- \*DB 1025. Studies in the clarification of unfermented fruit juices. 1922. 5¢. For sale only.

**Miscellaneous Publications:**

- M 426. The *Aspergillus glaucus* group. 1941.  
 M 524. Commercial dehydration of vegetables and fruits in wartime. 1943.  
 \*M 536. Experiment station research on the vitamin content and the preservation of foods. 1944. 25¢. For sale only.  
 M 544. Community canning centers. 1944; revised 1946.  
 M 588. Instruction on processing for community frozen-food locker plants. 1946; revised 1948.  
 \*M 647. Experimental compression of dehydrated foods. 1948. 25¢. For sale only.

**Technical Bulletins:**

- \*T 592. Factors affecting the rate of drying of Kieffer pears. 1937. 5¢. For sale only.  
 T 947. Bacteriological changes during the fermentation of certain brined and salted vegetables. 1947.

**Yearbook Separates:**

- YS 1450. Rancidity in foods delayed by excluding certain wave lengths of light. 1934.  
 YS 1981. Advances in home canning. 1947.

**Miscellaneous:**

- M 5241. Handling your big game kill. 1938; revised 1947.

**HOME MANAGEMENT****Farmers' Bulletins:**

- \*F 1460. Simple plumbing repairs in the home. 1925; slightly revised 1948. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Farmers' Bulletins—Continued.**

- F 1497. Methods and equipment for home laundering. 1926; slightly revised 1940.  
 F 1834. House cleaning management and methods. 1940.  
 F 1865. Closets and storage spaces. 1940.  
 \*F 1877. Buying boys' suits. 1941. 5¢. For sale only.  
 F 1944. Sewing machines—cleaning and adjusting. 1943.  
 F 1960. Carpet and rug repair. 1944.

**Leaflets:**

- \*L 69. Preservation of leather bookbindings. 1930; slightly revised 1933. 5¢. For sale only.  
 L 123. The farmer's share of the consumer's food dollar. 1937; revised 1946.

**Agricultural Information Series:**

- IS 21. Food for two. 1945.  
 IS 53. National food guide. 1946; slightly revised 1948.  
 IS 56. How to choose and use your refrigerator. 1946.  
 IS 59. Food for the family with young children. 1946; slightly revised 1948.  
 IS 71. Food for families with school children. 1948.  
 IS 73. How to choose and use your washing machine. 1948.  
 IS 75. First aid for flooded homes and farms. 1948.  
 IS 76. People and potatoes. 1948.  
 IS 77. Consumer guides for buying and keeping eggs. 1948.

**Agricultural War Information Series:**

- W 7. Take care of household rubber. 1942.  
 W 19. Take care of vacuum cleaners and carpet sweepers. 1943.  
 W 20. How to make your electric cords last longer. 1943.  
 W 26. Take care of the wool you have. 1943.

**Circulars:**

- \*C 489. Selection, installation, finish, and maintenance of wood floors for dwellings. 1938. 10¢. For sale only.  
 C 758. Effectiveness of fungicidal chemicals in preventing the growth of *Trichophyton interdigitale* and *Epidermophyton floccosum*. 1947.

**Miscellaneous Publications:**

- M 167. A fruit and vegetable buying guide for consumers. 1933; revised 1948.  
 \*M 436. Family expenditures for furnishings and equipment. Five regions. (Consumer purchases study—Urban, village, farm.) 1941. 25¢. For sale only.  
 \*M 457. Family expenditures for housing and household operations. (Consumer purchases study—Farm series.) 1941. 25¢. For sale only.  
 M 460. The A B C of canned fruit and vegetable labeling. 1941.  
 M 489. Family spending and saving as related to age of wife and age and number of children. 1942.  
 M 553. A consumers' guide to U. S. standards for farm products. 1944; revised 1947.  
 M 560. Uniform labels for consumer grades of eggs. 1945.  
 M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.  
 M 599. Farm and home financial planning. 1946.  
 M 602. The home demonstration agent. 1946.  
 \*M 619. Your farmhouse . . . how to plan remodeling. 1947. 15¢. For sale only.  
 \*M 622. Your farmhouse . . . cut-outs to help in planning. 1947. 25¢. For sale only.  
 \*M 646. A step-saving U kitchen. 1948. 10¢. For sale only.

**Unnumbered:**

- Farm family account book. 1935.  
 What do these mean: A short, short story about U. S. grade A B C labels. 1942.

**Charts:**

- \*It's up to you Mr. and Mrs. Homemaker to make your home equipment last. Set

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**Charts—Continued.**

of 10 picture charts. 14½ by 20 inches. Blue and yellow on white. 1943. Sold in sets only. 50¢ a set. For sale only.

1. Introductory chart.
- 2, 3, and 4. Your cooking range.
- 5 and 6. Your refrigerator.
7. Your washing machine.
8. Your iron.
9. Your vacuum cleaner.
10. Your sewing machine.

**Posters:**

Know the eggs you buy. 11½x17½ inches. Colored. 1948.

Lick the platter clean. 19¾ by 14 inches. Colored. 1944.

**HOUSEHOLD INSECTS****Leaflets:**

- \*L 144. Cockroaches and their control. 1937; slightly revised 1939. 5¢. For sale only.
- L 145. Clothes moths. 1938; revised 1947.
- L 146. Bedbugs. 1937.
- \*L 147. House ants. 1937; revised 1946. 5¢. For sale only.
- L 149. Silverfish. 1937; revised 1946.
- L 152. How to control fleas. 1937; revised 1946.
- L 182. Housefly control. 1939; revised 1946.
- L 189. Psocids, annoying house pests. 1939.
- \*L 192. Centipedes and millipedes in the house. 1939. 5¢. For sale only.
- L 235. Preventing insect damage in home-dried fruits. 1943.

**Agricultural War Information Series:**

W 64. Why feed insects? 1943.

**Circulars:**

- C 387. Distribution of the Argentine ant in the United States and suggestions for its control or eradication. 1936.
- \*C 745. Methyl bromide as a delousing agent. 1946. 10¢. For sale only.

**Yearbook Separates:**

- \*YS 1968. DDT in the home. 1947. 5¢. For sale only.

**Unnumbered:**

- \*DDT . . . for control of household pests. 1947. 5¢. For sale only.

**INSECTS****Control and Prevention****Farmers' Bulletins:**

- \*F 763. Orchard barkbeetles and pinhole borers, and how to control them. 1916; revised 1918. 5¢. For sale only.
- F 798. The sheep tick and its eradication by dipping. 1917; slightly revised 1940.
- \*F 801. Mites and lice on poultry. 1917; slightly revised 1939. 10¢. For sale only.
- \*F 831. The red spider on cotton and how to control it. 1917; slightly revised 1940. 5¢. For sale only.
- \*F 875. The rough-headed cornstalk beetle in the Southern States and its control. 1917; revised 1933. 5¢. For sale only.
- \*F 891. The corn root-aphis and methods of controlling it. 1917. 5¢. For sale only.
- F 909. Cattle lice and how to eradicate them. 1918; slightly revised 1947.
- F 950. The southern corn rootworm and farm practices to control it. 1918; revised 1940.
- F 971. The control of the clover-flower midge. 1918; slightly revised 1947.
- \*F 980. The spinose ear tick and methods of treating infested animals. 1918; revised 1947. 5¢. For sale only.
- \*F 982. Control of the green clover worm in alfalfa fields. 1918. 5¢. For sale only.
- F 1003. How to control billbugs destructive to cereal and forage crops. 1919; revised 1932.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Farmers' Bulletins—Continued.

- \*F 1006. The wheat jointworm and its control. 1918; revised 1940. 5¢. For sale only.
- F 1025. The larger corn stalk-borer. 1919; revised 1933.
- F 1057. Cattle-fever ticks and methods of eradication. 1919; slightly revised 1940.
- \*F 1065. The flat-headed apple-tree borer. 1919. 5¢. For sale only.
- F 1128. Control of aphids injurious to orchard fruits, currant, gooseberry and grape. 1920; revised 1926.
- \*F 1217. The green-bug or spring grain-aphis: How to prevent its periodical outbreaks. 1921; slightly revised 1944. 5¢. For sale only.
- F 1246. The peach borer: How to prevent or lessen its ravages; the paradichlorobenzene treatment. 1921; slightly revised 1943.
- \*F 1258. Webworms injurious to cereal and forage crops and their control. 1922. 5¢. For sale only.
- F 1260. Stored-grain pests. 1922; slightly revised 1940.
- \*F 1275. Weevils in beans and peas. 1922; slightly revised 1940. 10¢. For sale only.
- \*F 1323. The wheat strawworm and its control. 1923; revised 1937. 5¢. For sale only.
- \*F 1477. Preventing damage by *Lycet* powder-post beetles. 1926; slightly revised 1938. 5¢. For sale only.
- \*F 1499. The melon aphid and its control. 1926. 5¢. For sale only.
- F 1503. The horse bots and their control. 1926; slightly revised 1941.
- F 1548. The European corn borer: Its present status and methods of control. 1927; revised 1948.
- \*F 1566. The sorghum midge, with suggestions for control. 1928; slightly revised 1941. 5¢. For sale only.
- \*F 1582. Protection of log cabins, rustic work, and unseasoned wood from injurious insects. 1929; slightly revised 1943. 10¢. For sale only.
- \*F 1586. The southern pine beetle: A serious enemy of pines in the South. 1929. 5¢. For sale only.
- F 1596. Cattle grubs or heel flies, with suggestions for their control. 1929; slightly revised 1944.
- F 1624. The Mexican bean beetle in the East and its control. 1930; revised 1948.
- F 1627. The hessian fly and how losses from it can be avoided. 1930; slightly revised 1936.
- F 1642. Chalcid control in alfalfa-seed production. 1931.
- F 1651. The corn ear-worm as an enemy of field corn in the Eastern States. 1931; slightly revised 1943.
- F 1657. The Great Basin wireworm in the Pacific Northwest. 1931.
- \*F 1676. Lubricating-oil sprays for use on dormant fruit trees. 1931; slightly revised 1933. 5¢. For sale only.
- \*F 1688. Insect enemies of the cotton plant. 1932. 5¢. For sale only.
- \*F 1712. The harlequin bug and its control. 1933; slightly revised 1939. 5¢. For sale only.
- \*F 1729. Machinery for dusting cotton. 1934. 5¢. For sale only.
- F 1780. How to fight the chinch bug. 1937.
- F 1798. Control of common white grubs in cereal and forage crops. 1938.
- \*F 1811. Control of insects attacking grain in farm storage. 1938; revised 1942. 10¢. For sale only.
- F 1824. The Black Hills beetle, a serious enemy of Rocky Mountain pines. 1939.
- \*F 1828. Grasshoppers and their control. 1939. 10¢. For sale only.
- F 1829. Insects and diseases of the pecan and their control. 1940.
- F 1850. The armyworm and its control. 1940; slightly revised 1947.
- F 1861. Insect pests of the peach. 1941.
- F 1863. The turnip aphid in the Southern States and methods for its control. 1941.
- \*F 1866. Wireworms and their control on irrigated lands. 1941. 10¢. For sale only.
- \*F 1880. Control of insect pests of grain in elevator storage. 1941. 5¢. For sale only.
- F 1884. The sugarcane borer. 1941.

## Farmers' Bulletins—Continued.

- F 1886. The beet leafhopper. 1941.
- F 1890. Control of insects and mites attacking narcissus bulbs. 1941.
- \*F 1893. Control of grape diseases and insects in eastern United States. 1942. 10¢. For sale only.
- \*F 1895. Land slugs and snails and their control. 1942. 5¢. For sale only.
- F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.
- F 1911. Preventing damage to buildings by subterranean termites and their control. 1942; slightly revised 1946.
- F 1928. Mormon crickets and their control. 1943.
- F 1930. Prevention and control of alfalfa weevil damage. 1943.
- F 1945. The pea aphid on peas and methods for its control. 1943.
- \*F 1971. The pea weevil and methods for its control. 1946. 10¢. For sale only.
- F 1993. Decay and termite damage in houses. 1948.

## Leaflets:

- L 2. Cutworms in the garden. 1927; slightly revised 1943.
- \*L 12. The striped blister beetle on soybeans. 1927. 5¢. For sale only.
- L 121. The sweetpotato weevil and how to control it. 1937; revised 1940.
- \*L 144. Cockroaches and their control. 1937; slightly revised 1939. 5¢. For sale only.
- L 145. Clothes moths. 1938; revised 1947.
- L 146. Bedbugs. 1937.
- \*L 147. House ants. 1937; revised 1946. 5¢. For sale only.
- L 149. Silverfish. 1937; revised 1946.
- L 152. How to control fleas. 1937; revised 1946.
- L 161. The eastern tent caterpillar. 1938; slightly revised 1947.
- \*L 182. Housefly control. 1939; revised 1946. 5¢. For sale only.
- L 183. Cankerworms. 1939.
- L 184. The elm leaf beetle. 1939.
- L 185. Elm bark beetles. 1939.
- L 189. Psocids, annoying house pests. 1939.
- \*L 192. Centipedes and millipedes in the house. 1939. 5¢. For sale only.
- L 195. Mealworms. 1940.
- \*L 205. The horn fly and its control. 1940. 5¢. For sale only.
- L 207. Controlling gapeworms in poultry. 1941.
- L 212. The sand wireworm. 1941.
- L 225. Protecting market sweet corn from the European corn borer. 1942.
- L 226. The pepper weevil. 1942.
- L 229. The potato leafhopper, a pest of alfalfa in the Eastern States. 1942.
- L 235. Preventing insect damage in home dried fruit. 1943.
- L 236. Preventing damage to commercial dried fruits by the raisin moth. 1943.
- L 237. Control of mole crickets by use of poisoned baits. 1943.
- L 242. The spruce budworm. 1944.

## Agricultural Information Series:

- IS 52. Protect home-cured meat from insects. 1946.

## Agricultural War Information Series:

- W 58. Victory Gardeners can prevent earworms from entering their corn. 1943.
- W 64. Why feed the insects? Protect the dried foods in your home. 1943.

## Circulars:

- \*C 168. Insects injurious to agriculture in Japan. 1931. 20¢. For sale only.
- C 221. The white-pine weevil. 1932; revised 1943.
- C 246. Life history and control of the Asiatic garden beetle. 1932; revised 1936.
- C 321. Use of farm machinery for corn-borer control in the one-generation area. 1934.
- C 386. The wax moth and its control. 1936; revised 1942.
- C 387. Distribution of the Argentine ant in the United States and suggestions for its control or eradication. 1936.
- C 403. Preventing injury from Japanese and Asiatic beetle larvae to turf in parks and other large areas. 1936; slightly revised 1938.



## Circulars—Continued.

- \*C 419. The fir engraver beetle, a serious enemy of white fir and red fir. 1937. 5¢. For sale only.
- \*C 429. The rhododendron whitefly and its control. 1937. 5¢. For sale only.
- \*C 457. Mushroom pests and their control. 1938; revised 1941. 10¢. For sale only.
- C 494. The Texas leaf-cutting ant and its control. 1938.
- C 530. The vegetable weevil. 1939.
- C 555. Fumigation of vetch seed for the vetch bruchid. 1940.
- \*C 572. Life history and control of the imported willow-leaf beetle. 1940. 5¢. For sale only.
- C 575. Control of the Mormon cricket by the use of poisoned bait. 1940.
- C 594. The use of traps against the Japanese beetle. 1940.
- C 606. Observations on the biology and control of the treehopper *Heliria praealta* (Fowler) in orchards of the Pacific Northwest. 1941.
- C 607. The black grain stem sawfly and the European wheat-stem sawfly in the United States. 1941.
- \*C 615. Studies on the control of cabbage caterpillars with derris in the South. 1942. 10¢. For sale only.
- \*C 632. Rice-field insects. 1942. 10¢. For sale only.
- C 635. Control of insects attacking stored tobacco and tobacco products. 1942.
- \*C 639. Insect pests of cigar-type tobaccos in the southern districts. 1942. 15¢. For sale only.
- C 647. Toxic and repellent sprays for the control of elm bark beetles. 1942.
- C 657. Mineral-oil treatment of sweet corn for earworm control. 1942.
- \*C 664. The mountain pine beetle, an important enemy of western pines. 1943. 5¢. For sale only.
- \*C 675. Control of the Mexican bean beetle in irrigated districts in the West. 1944. 5¢. For sale only.
- C 683. Effectiveness of wood preservatives in preventing attack by termites. 1943.
- C 687. The hessian fly and its control by late sowing of wheat in Oklahoma and Arkansas. 1943.
- \*C 708. The citrus thrips, measures for its control and their effect on other citrus pests. 1944. 5¢. For sale only.
- C 720. Controlling insects in flour mills. 1945; slightly revised 1948.
- \*C 732. The wheat midge in the Pacific Northwest. 1945. 5¢. For sale only.
- \*C 746. The lily weevil, a potentially serious pest in the Pacific Northwest. 1946. 10¢. For sale only.

## Miscellaneous Publications:

- M 80. Summary of State and Territorial plant quarantines affecting interstate shipment. 1930; revised 1946.
- M 433. Eradication of the *Parlatoria* date scale in the United States. 1941.
- M 484. Cotton or boll weevils. 1942.
- M 605. A vegetable gardener's handbook on insects and diseases. 1946.
- \*M 626. Handbook on insect enemies of flowers and shrubs. 1948. 35¢. For sale only.

## Picture Sheets:

- No. 4. Japanese beetle.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1939; revised 1948.
- No. 5. Harlequin bug.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1940.
- No. 6. Gladiolus thrips.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 7. Striped cucumber beetle.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 8. Potato leafhopper.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 9. Imported cabbage worm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 10. Squash borer.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 11. Corn earworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 12. Fall armyworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 13. Tomato fruitworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 14. European corn borer.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1945; revised 1948.
- \*No. 15. Boll weevil.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 16. Bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Picture Sheets—Continued.

- \*No. 17. Cotton aphid.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.  
 \*No. 18. Cotton flea hopper.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.  
 \*No. 19. Cotton leafworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.  
 \*No. 20. Red spider.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.  
 No. 21. Pink bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1948.

## Technical Bulletins:

- \*T 325. Biology and control of the black vine weevil. 1932. 5¢. For sale only.  
 \*T 361. The hessian fly in the Pacific Northwest. 1933. 5¢. For sale only.  
 \*T 388. The southwestern corn borer. 1933. 10¢. For sale only.  
 \*T 395. Subfreezing temperatures lethal to the European corn borer infesting green ears of sweet corn. 1933. 5¢. For sale only.  
 \*T 455. The European corn borer and its controlling factors in the Orient. 1934. 5¢. For sale only.  
 \*T 463. Biological and ecological factors in the control of the celery leaf tier in Florida. 1935. 10¢. For sale only.  
 \*T 778. The biology and control of the sorghum midge. 1941. 10¢. For sale only.  
 T 788. Relative effectiveness of acid lead arsenate and other materials as stomach poisons for the larvae of the Japanese beetle. 1942.  
 \*T 793. Evaluation of baits and bait ingredients used in grasshopper control. 1942. 15¢. For sale only.  
 T 846. The cabbage looper as a pest of lettuce in the Southwest. 1944.  
 T 855. The beet leafhopper and its control on beets grown for seed in Arizona and New Mexico. 1943.  
 T 879. The mushroom mite (*Tyrophagus lintereri* (Osborn)) as a pest of cultivated mushrooms. 1944.  
 T 880. Mineral oils, alone or combined with insecticides for control of earworms in sweet corn. 1944.

## Unnumbered:

Experiment station progress in insect and plant disease control, 1945. (Reprint from Report on the Agricultural Experiment Stations, 1945.)

## Posters:

Who are you workin' for, mister?  $6\frac{3}{4}$  by  $10\frac{1}{2}$  inches. Colored. 1943.

## Insecticides

## Circulars:

- \*C 455. The toxicity of *Haplophyton cnicoides* A. DC. to fruitflies. 1938. 5¢. For sale only.  
 \*C 610. Adsorption of mercuric chloride from solution by gladiolus corms. 1941. 5¢. For sale only.  
 C 697. Laboratory studies on the toxicity of tartar emetic to the Mexican fruitfly. 1944.  
 \*C 745. Methyl bromide as a delousing agent. 1946. 10¢. For sale only.

## Miscellaneous Publications:

- M 526. Insecticides and equipment for controlling insects on fruits and vegetables. 1943; slightly revised 1945.  
 M 606. DDT and other insecticides and repellents developed for the armed forces. 1946.

## Technical Bulletins:

- \*T 198. Relative insecticidal value of commercial grades of pyrethrum. 1930. 5¢. For sale only.  
 \*T 274. Hot water as an insecticide for the Japanese beetle in soil and its effect on the roots of nursery plants. 1932. 15¢. For sale only.  
 \*T 427. The use of naphthalene against the Japanese beetle. 1934. 5¢. For sale only.  
 T 595. Studies on the possibilities of devil's shoestring (*Tephrosia virginiana*) and other native species of *Tephrosia* as commercial sources of insecticides. 1938.

## Technical Bulletins—Continued.

- \*T 623. Fumigation of baled cotton with hydrocyanic acid for the pink bollworm. 1938. 10¢. For sale only.
- T 782. Field studies of insecticides used to control cabbage caterpillars. 1941.
- T 788. Relative effectiveness of acid lead arsenate and other materials as stomach poisons for the larvae of the Japanese beetle. 1942.
- \*T 793. Evaluation of baits and bait ingredients used in grasshopper control. 1942. 15¢. For sale only.
- \*T 852. Experiments with oils and lime-sulfur for the control of the San Jose scale on peach trees in the South. 1943. 5¢. For sale only.
- T 880. Mineral oils, alone or combined with insecticides for control of earworms in sweet corn. 1944.

## Yearbook Separates:

- \*YS 1967. The chemistry of DDT. 1947. 5¢. For sale only.
- \*YS 1968. DDT in the home. 1947. 5¢. For sale only.

## Unnumbered:

- \*DDT---for control of household pests. 1947. 5¢. For sale only.

## Life Histories and Studies

## Bibliographical Bulletins:

- B 8. Bibliography on aviation and economic entomology. 1947.

## Circulars:

- \*C 518. Breeding areas and economic distribution of the beet leafhopper in New Mexico, southern Colorado, and western Texas. 1939. 5¢. For sale only.
- C 600. Mortality of the apple maggot in fruit held in cold storage. 1941.
- C 643. Owllet moths (Phalaenidae) taken at light traps in Kansas and Nebraska. 1942.
- C 649. Studies on the prevalence of the European corn borer in the East North Central States. 1942.
- \*C 671. Sampling technique for determining populations of the citrus red mite and its predators. 1943. 5¢. For sale only.

## Miscellaneous Publications:

- \*M 271. A revision of the leafhoppers of the *Macrosteles* group (*Cicadula* of authors) in America north of Mexico. 1937. 5¢. For sale only.
- M 336. The mosquitoes of the Southeastern states. 1939; slightly revised 1944.
- \*M 341. The species of *Pantomorus* of America north of Mexico. 1939. 10¢. For sale only.
- \*M 371. A revision of the North American aphids of the genus *Myzus*. 1940. 5¢. For sale only.
- \*M 382. A revision of the genus *Lycopersicon*. 1940. 10¢. For sale only.
- \*M 417. Bark beetles of the genus *Hylastes* Erichson in North America. 1941. 10¢. For sale only.
- M 424. A classification of the scale insect genus *Asterolecanium*. 1941.
- \*M 439. The fruitflies of the genus *Anastrepha*. 1942. 40¢. For sale only.
- \*M 461. Revision of the bark beetles belonging to the genus *Pseudohylesinus* Swaine. 1942. 10¢. For sale only.
- M 470. A revision of the North American species of Buprestid beetles belonging to the tribe *Chrysobothrini*. 1942.
- \*M 601. Collection and preservation of insects. 1946. 15¢. For sale only.
- \*M 631. The flies that cause myiasis in man. 1947. 35¢. For sale only.
- \*M 635. The North American species of whiteflies of the genus *Trialeurodes*. 1948. 25¢. For sale only.

## Technical Bulletins:

- T 296. Feeding punctures of mirids and other plant-sucking insects and their effect on cotton. 1932.
- \*T 372. A classification of North American Agallian leaf hoppers. 1933. 10¢. For sale only.
- \*T 400. Observations on the thermal death points of *Anastrepha ludens* (Loew). 1933. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## Technical Bulletins—Continued.

- \*T 404. The external anatomy of the red date scale, *Phoenicococcus marlatti* Cockerell, and its allies. 1934. 15¢. For sale only.
- \*T 421. The external anatomy of the Parlatoria date scale, *Parlatoria blanchardi* Targioni Tozzetti, with studies of the head skeleton and associated parts. 1934. 10¢. For sale only.
- T 437. Development of the swine nematode, *Strongyloides ransomi*, and the behavior of its infective larvae. 1934.
- \*T 444. Studies on the Mexican fruit fly, *Anastrepha ludens* (Loew). 1934. 5¢. For sale only.
- \*T 499. The cannibalistic habits of the corn ear worm. 1936. 5¢. For sale only.
- T 557. Types of vegetation in the San Joaquin Valley of California and their relation to the beet leafhopper. 1937.
- \*T 583. Experiments on breeding corn resistant to the European corn borer. 1937. 10¢. For sale only.
- \*T 585. Resistance of sorghums to the chinch bug. 1937. 15¢. For sale only.
- \*T 607. Occurrence of the beet leafhopper and associated insects on secondary plant successions in southern Idaho. 1938. 10¢. For sale only.
- \*T 624. Studies on the epidemiology of curly top in southern Idaho, with special reference to sugar beets and weed hosts of vector *Eutettix tenellus*. 1938. 10¢. For sale only.
- \*T 642. The field cricket in relation to the cotton plant in Louisiana. 1939. 10¢. For sale only.
- \*T 693. The external anatomy of the larva of the Pacific Coast wireworm. 1939. 10¢. For sale only.
- \*T 723. Biology of the seed-corn maggot in the Coastal Plain of the South Atlantic States. 1940. 10¢. For sale only.
- \*T 744. Life history of the sugar-beet wireworm in southern California. 1941. 15¢. For sale only.
- \*T 762. Structure and development of the alimentary canal of the southern armyworm larva. 1941. 5¢. For sale only.
- \*T 774. Life histories and habits of some grasshoppers of economic importance on the Great Plains. 1941. 20¢. For sale only.
- T 775. The yellow chapote, a native host of the Mexican fruitfly. 1941.
- T 784. The wheat, jointworm in Oregon, with special reference to its dispersion injury, and parasitization. 1941.
- T 791. Hibernation of the corn earworm in southeastern Georgia. 1941.
- \*T 798. Relationship of insects to the spread of azalea flower spot. 1942. 10¢. For sale only.
- \*T 848. The ecology of the principal summer weed hosts of the beet leafhopper in the San Joaquin Valley, Calif. 1943. 10¢. For sale only.
- T 850. Studies of host plants of the leafhoppers of the genus *Empoasca*. 1943.
- T 858. Life history of the wireworm *Melanotus longulus* (Lec.) in southern California. 1944.
- T 866. Nature and extent of Mormon cricket damage to crop and range plants. 1944.
- T 869. Strains of the European corn borer in the United States. 1944.
- \*T 877. Wheat varieties resistant to the hessian fly and their reactions to stem and leaf rusts. 1944. 5¢. For sale only.
- T 893. Resistance of dent corn inbred lines to survival of first generation European corn borer larvae. 1945.
- T 896. Biology of the tobacco hornworm in the southern cigar-tobacco district. 1945.
- T 898. Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworms. 1945.
- T 901. Reaction of small-grain varieties to green bug attack. 1945.
- T 928. The wheat stem maggots of the genus *Meromyza* in the Pacific northwest. 1947.

## Parasites and Predators

## Circulars:

- C 346. Insect parasites and predators of insect pests. 1935.

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## Circulars—Continued.

- C 561. Importation, rearing and colonization of parasites of the oriental fruit moth. 1940.  
 C 593. Apparatus and technique for the study of the egg parasite of the beet leafhopper. 1941.  
 C 616. Methods of breeding *Chelonus annulipes* on the Mediterranean flour moth for use against the European corn borer. 1941.  
 \*C 671. Sampling technique for determining populations of the citrus red mite and its predators. 1943. 5¢. For sale only.

## Miscellaneous Publications:

- \*M 354. A review of the parasitic wasps of the ichneumonid genus *Exenterus* Hartig. 1940. 5¢. For sale only.

## Technical Bulletins:

- T 294. The biology and morphology of the braconid *Chelonus annulipes* Wesm., a parasite of the European corn borer. 1932.  
 T 308. Biology of some Japanese and Chosenese grub parasites (Scoliidae). 1932.  
 \*T 460. Studies of *Ezeristes roborator* (Fab.), a parasite of the European corn borer in the Lake Erie area. 1934. 5¢. For sale only.  
 \*T 689. Status and relative importance of the parasites of the hessian fly in the Atlantic States. 1939. 5¢. For sale only.  
 \*T 715. Keys to the parasites of the hessian fly based on remains left in the host puparium. 1940. 10¢. For sale only.  
 \*T 721. *Paradexodes epilachnae*, a tachinid parasite of the Mexican bean beetle. 1940. 5¢. For sale only.  
 \*T 728. Parasites of the oriental fruit moth in Japan and Chosen and their introduction into the United States. 1940. 10¢. For sale only.  
 \*T 738. Investigations of the parasites of *Popillia japonica* and related Scarabaeidae in the Far East from 1929 to 1933, inclusive. 1940. 10¢. For sale only.  
 \*T 743. Experiments with *Trichogramma minutum* Riley as a control of the sugarcane borer in Louisiana. 1941. 10¢. For sale only.  
 \*T 757. Parasites of the birch leaf-mining sawfly (*Phylitoma nemorata*.) 1941. 10¢. For sale only.  
 T 784. The wheat jointworm in Oregon, with special reference to its dispersion, injury, and parasitization. 1941.  
 T 871. *Apanteles diatraeae*, a Braconid parasite of the Southwestern corn borer. 1944.

## Bees

## Farmers' Bulletins:

- F 961. Transferring bees to modern hives. 1918; revised 1932.  
 F 1713. The treatment of American foulbrood. 1933.

## Circulars:

- C 386. The wax moth and its control. 1936; revised 1942.  
 C 650. Factors affecting the usefulness of honeybees in pollination. 1942; slightly revised 1947.  
 \*C 702. Productive management of honeybee colonies in the Northern States. 1944. 10¢. For sale only.

## MARKETS AND MARKETING

## GENERAL

## Leaflets:

- \*L 73. Is the public market a good civic investment? 1931; slightly revised 1940. 5¢. For sale only.

## Discussion Series:

- DS 25. Let's talk about buying and selling farm products abroad. 1944.

## Miscellaneous Circulars:

- \*MC 35. Bibliography on the marketing of agricultural products. 1925. 10¢. For sale only.

## Unnumbered:

- \*Barriers to internal trade in farm products. 1939. 25¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Unnumbered—Continued.

The crop and livestock reporting service of the United States. 1933.

(Separate from M 171 by the same title.)

What do these mean: A short, short story about U. S. grade ABC labels. 1942.

## CROPS

## Farmers' Bulletins:

- F 1291. Preparation of fresh tomatoes for market. 1922; revised 1948.
- \*F 1574. Preparing Johnson hay for market in the Black Prairie Belt of Alabama and Mississippi. 1928. 5¢. For sale only.
- F 1594. Preparation of bunched beets, carrots, and turnips for market. 1929; slightly revised 1940.
- \*F 1695. Preparing apples for market in barrels and baskets. 1933. 5¢. For sale only.
- \*F 1702. Preparing peaches for market. 1933. 5¢. For sale only.
- F 1770. High-grade timothy and clover hay: Methods of producing, baling, and loading for market. 1937.
- F 1821. Containers for fruits and vegetables. 1939.

## Leaflets:

- \*L 72. Measuring hay in stacks. 1931. 5¢. For sale only.

## Agricultural Information Series:

- IS 32. 7 Questions to ask when you buy or sell shelled corn by grade. 1945; slightly revised 1948.
- IS 54. Grading barley at country points. 1946.

## Agricultural War Information Series:

- W 86. Wheat grading at country points. 1944.
- W 99. Twelve points in grading dry edible beans. 1944.

## Circulars:

- C 91. Market supplies and prices of apples. 1929.
- C 249. American tobacco types, uses, and markets. 1933; revised 1942.
- C 393. Care and maintenance of cotton-gin saws and rigs. 1936; revised 1939.
- \*C 467. Care and repair of cotton-gin brushes. 1938. 5¢. For sale only.
- \*C 510. Air-blast gin performance and maintenance. 1938. 5¢. For sale only.
- C 566. The ripening and repacking of mature-green tomatoes. 1940.
- \*C 579. The relation of firmness to ripeness of eastern grown apples. 1941. 5¢. For sale only.
- \*C 601. Reducing power waste in operating cotton gins. 1941. 5¢. For sale only.
- C 621. A practical seed-cotton moisture tester for use at gins. 1941.
- \*C 623. The conversion of the weights of mechanical separations of grain into percentages. 1942. 5¢. For sale only.
- \*C 627. Fruit pressure testers and their practical applications. 1941. 5¢. For sale only.
- C 630. Improved Bates laboratory aspirator. 1942.
- C 644. The marketing of greens. 1942.
- \*C 685. Harvest sprays for the control of fruit drop. 1943. 5¢. For sale only.
- C 733. Standard-density cotton-gin presses. 1945.
- C 736. The packaging of American cotton and methods for improvement. 1945.
- C 744. Handling and shipping early potatoes. 1946.
- C 759. Coordinated management for harvesting, storing and marketing Northwest apples. 1947.
- C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948.

## Department Bulletins:

- \*DB 1411. Expense factors in city distribution of perishables. 1926. 10¢. For sale only.
- \*DB 1416. Marketing barreled apples. 1926. 20¢. For sale only.

## Department Circulars:

- \*DC 413. Extent and causes of rejections of boxed apples from the State of Washington, seasons 1922 to 1925. 1927. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications:**

- M 98. Market diseases of fruits and vegetables: Potatoes. 1932; revised 1948.
- M 167. A fruit and vegetable buying guide for consumers. 1933; revised 1948.
- \*M 242. Development and use of standards for grade, color, and character of American cotton linters. 1936. 5¢. For sale only.
- \*M 292. Market diseases of fruits and vegetables: Crucifers and cucurbits. 1938. 45¢. For sale only.
- \*M 310. The classification of cotton. 1938. 15¢. For sale only.
- M 325. Grain-grading primer. 1938; revised 1948.
- M 328. The service of Federal grain standards. 1938.
- M 440. Market diseases of fruits and vegetables: Asparagus, onions, beans, peas, carrots, celery, and related vegetables. 1941.
- \*M 441. Cottonseed: Official grading and market news. 1941. 5¢. For sale only.
- M 460. The ABC of canned fruit and vegetable labeling. 1941.
- M 498. Market diseases of fruits and vegetables: Citrus and other sub-tropical fruits. 1943.
- M 524. Commercial dehydration of vegetables and fruits in wartime. 1943.
- M 527. Packing of cotton at gins for uniform density. 1943.
- M 541. Market diseases of fruits and vegetables: beets, endive, escarole, globe artichokes, lettuce, rhubarb, spinach, swiss chard, and sweetpotatoes. 1944.
- M 553. A consumers' guide to U. S. standards for farm products. 1944; revised 1947.
- M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.
- M 585. Air transport of agricultural perishables. 1946.
- \*M 586. Fertilizers and lime in the United States: Resources, production, marketing, and use. 1946. 20¢. For sale only.
- M 598. Questions and answers on government inspection of processed fruits and vegetables. 1946.
- M 604. Standardization and inspection of fresh fruits and vegetables. 1946.
- M 615. Rice production and marketing in the United States. 1947.

**Separates from Agricultural Statistics:**

- SA 51. Statistics of grains, 1941.
- SA 52. Statistics of cotton, sugar, and tobacco, 1941.
- SA 53. Statistics of fruits, vegetables, melons, and tree nuts, 1941.
- SA 57. Foreign trade of the United States in agricultural products, 1941.
- \*SA 59. Statistics of miscellaneous crops, 1941. 10¢. For sale only.
- SA 61. Statistics of grains, 1942.
- SA 62. Statistics of cotton, sugar, and tobacco, 1942.
- SA 65. Statistics of hay, seeds, and minor field crops, 1942.
- SA 68. Foreign trade of the United States in agricultural products, 1942.
- SA 72. Approximate or average weights of various commodities and other conversion factors, 1943.
- SA 73. Statistics of grains, 1943.
- SA 74. Statistics of cotton, sugar, and tobacco, 1943.
- SA 75. Statistics of oilseeds, fats, and oils, 1943.
- SA 76. Statistics of fruits, vegetables, melons, and tree nuts, 1943.
- SA 77. Statistics of hay, seeds, and minor field crops, 1943.
- \*SA 83. Approximate or average weights of various commodities and other conversion factors, 1944. 5¢. For sale only.
- \*SA 84. Statistics of grains, 1944. 10¢. For sale only.
- \*SA 85. Statistics of cotton, sugar, and tobacco, 1944. 10¢. For sale only.
- SA 86. Statistics of oilseeds, fats, and oils, 1944.
- SA 88. Statistics of hay, seeds, and minor field crops, 1944.
- \*SA 94. Approximate or average weights of various commodities and other conversion factors, 1945. 5¢. For sale only.
- SA 95. Statistics of grains, 1945.
- SA 96. Statistics of cotton, sugar, and tobacco, 1945.
- SA 97. Statistics of oilseeds, fats, and oils, 1945.
- SA 98. Statistics of fruits, vegetables, melons, and tree nuts, 1945.
- SA 99. Statistics of hay, seeds, and minor field crops, 1945.

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**Technical Bulletins:**

- T 7. Origin and distribution of the commercial potato crop. 1927; revised 1939.
- T 272. The marketing and distribution of fruits and vegetables by motortruck. 1931.
- T 445. Market distribution of carlot shipments of fruits and vegetables in the United States. 1934.
- \*T 503. Effects of gin-saw speed and seed-roll density on quality of cotton lint and operation of gin stands. 1936. 10¢. For sale only.
- \*T 623. Fumigation of baled cotton with hydrocyanic acid for the pink bollworm. 1938. 10¢. For sale only.
- T 646. Marketing commercial cabbage. 1938.
- T 712. Marketing commercial lettuce. 1940.
- T 730. Market quality and condition of California cantaloups as influenced by maturity, handling, and precooling. 1940.
- \*T 755. Cotton-price relationships and outlets for American cotton. 1941. 5¢. For sale only.
- T 891. Marketing and manufacturing margins for textiles. 1945.
- T 913. Marketing and manufacturing margins for tobacco. 1946.
- T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947.
- T 935. Occurrence of cotton fiber contaminated by *aerobacter cloacae*. 1947.
- \*T 971. Analysis of hedging and other operations in grain futures. 1948. 20¢. For sale only.

**Yearbook Separates:**

- \*YS 1147. Crop and livestock production trends. 1931. 10¢. For sale only.
- \*YS 1754. Standardization and inspection of farm products. 1940. 5¢. For sale only.

**FOREST PRODUCTS****Farmers' Bulletins:**

- F 1210. Measuring and marketing farm timber. 1921; slightly revised 1940.
- \*F 1459. Selling black-walnut timber. 1925; slightly revised 1933. 10¢. For sale only.

**Leaflets:**

- L 156. Harvesting and selling seed of southern pines. 1938.

**Agricultural War Information Series:**

- W 82. Prevent tanbark deterioration. 1944.

**Discussion Series:**

- DS 26. Let's talk about timber supplies. 1945.

**Miscellaneous Publications:**

- \*M 225. Converting factors and tables of equivalents used in forestry. 1935; revised 1947. 15¢. For sale only.

**Statistical Bulletins:**

- \*SB 73. Forest products statistics of Central and Prairie States. 1941. 15¢. For sale only.
- \*SB 76. Stumpage and log prices for the calendar year, 1940, 1942. 10¢. For sale only.
- SB 78. Stumpage and log prices for the calendar year, 1941. 1943.
- SB 80. Stumpage and log prices for the calendar year, 1943. 1945.
- SB 82. Stumpage and log prices for the calendar year, 1945. 1948.

**FUTURES TRADING****Circulars:**

- \*C 397. Analysis of open commitments in wheat and corn futures on the Chicago Board of Trade, September 27, 1934. 1936. 5¢. For sale only.
- \*C 539. Trading for others in commodity futures. 1939. 5¢. For sale only.
- C 794. Delivery notices in cotton futures markets. 1948.

**Commodity Statistics Series:**

- CS 1. Corn futures statistics. 1943.



**Commodity Statistics Series—Continued**

- CS 2. Cotton futures statistics. 1943.
- CS 7. Commodity futures statistics, July, 1942—June, 1943. 1944.
- CS 11. Commodity futures statistics, July, 1943—June, 1944. 1944.

**Statistical Bulletins:**

- \*SB 43. Corn futures: Volume of trading, open commitments and prices from January 2, 1930 to December 31, 1932. 1933. 10¢. For sale only.
- \*SB 55. Corn futures: Volume of trading, open commitments and prices from January 3, 1933 to December 31, 1935. 1937. 15¢. For sale only.
- SB 72. Wheat futures: Volume of trading, open contracts and prices from January 2, 1938 to December 31, 1938. 1940.
- SB 74. Corn futures: Volume of trading, open commitments and prices from January 2, 1936 to December 30, 1939. 1941.

**Technical Bulletins:**

- T 423. Fluctuations in prices of cotton futures contracts. 1934.
- \*T 747. Grain prices and the futures market: A 15-year survey, 1923-1938. 1941. 10¢. For sale only.
- \*T 971. Analysis of hedging and other operations in grain futures. 1948. 20¢. For sale only.

**LIVESTOCK AND LIVESTOCK PRODUCTS****Farmers' Bulletins:**

- F 1055. Country hides and skins, skinning, curing, and marketing. 1919; slightly revised 1942.
- \*F 1377. Marketing poultry. 1924; revised 1943. 10¢. For sale only.
- F 1378. Marketing eggs. 1924; revised 1947.
- \*F 1694. Dressing and packing turkeys for market. 1932; slightly revised 1944. 5¢. For sale only.
- F 1805. Grading wool. 1938; slightly revised 1945.

**Leaflets:**

- \*L 92. Preparing wool for market. 1933; slightly revised 1940. 5¢. For sale only.

**Agricultural Information Series:**

- IS 47. U. S. meat stamps. 1946.

**Circulars:**

- C 99. Equipment for city milk plants. 1929; revised 1941.
- C 103. Market classes and grades of dressed veal and calf carcasses. 1930; slightly revised 1942.
- C 260. Operation and management of milk plants. 1933; revised 1947.
- C 352. Packaging, curing, and merchandising American Cheddar cheese in cans. 1935.
- C 359. The manufacture of brick cheese. 1935.
- C 383. Market classes and grades of lambs and sheep. 1936; slightly revised 1940.
- C 505. Market classes and grades of feeder and stocker cattle. 1938; slightly revised 1942.
- \*C 522. A soft cheese on the Bel Paese type. 1939. 5¢. For sale only.
- C 569. Market classes and grades of swine. 1940.

**Commodity Statistics Series:**

- CS 3. Livestock, meats, and wool market statistics and related data, 1942. 1943.
- CS 4. Dairy and poultry market statistics, 1942. 1943.
- CS 8. Livestock, meats, and wool market statistics and related data, 1943. 1944.
- CS 13. Dairy and poultry market statistics, 1944. 1944.
- CS 14. Livestock, meats, and wool market statistics and related data, 1944. 1945.
- \*CS 18. Dairy and poultry market statistics, 1945. 1946. 25¢. For sale only.
- CS 23. Dairy and poultry market statistics, 1946. 1947.
- CS 24. Livestock market news statistics and related data, 1946. 1947.
- CS 29. Livestock market news statistics and related data, 1947. 1948.

**Department Bulletins:**

DB 1440. Factors affecting the price of hogs. 1926.

**Miscellaneous Publications:**

- \*M 33. Advantages of standards for livestock and meats. 1929; revised 1937. 5¢. For sale only.
- M 119. The manufacture of low-acid rennet-type cottage cheese. 1931; revised 1948.
- \*M 161. Testing milk and cream. 1933; slightly revised 1940. 10¢. For sale only.
- M 386. Packaging sliced Cheddar and Swiss cheese in cans for sandwich dispensers. 1940.
- M 560. Uniform labels for consumer grades of eggs. 1945.
- M 564. Reducing damage to eggs and egg cases. 1945.

**Miscellaneous Circulars:**

MC 63. The inspection stamp as a guide to wholesome meat. 1926.

**Separates from Agricultural Statistics:**

- SA 56. Dairy and poultry statistics, 1941.
- \*SA 89. Statistics of beef cattle, hogs, sheep, horses, and mules. 1944. 10¢. For sale only.
- \*SA 90. Dairy and poultry statistics, 1944. 10¢. For sale only.
- SA 100. Statistics of beef cattle, hogs, sheep, horses, and mules, 1945.
- SA 101. Dairy and poultry statistics, 1945.

**Technical Bulletins:**

- \*T 709. Supply responses in milk production in the Cabot-Marshfield Area, Vermont. 1940. 10¢. For sale only.
- \*T 722. Production and consumption of manufactured dairy products. 1940. 15¢. For sale only.
- \*T 750. Supply responses in milk production in Dodge and Barron Counties, Wisconsin. 1941. 15¢. For sale only.
- T 789. Supply responses in milk production in Southeastern Minnesota. 1941.
- T 812. The competitive position of dairying in Southern New England. 1942.
- T 932. Marketing margins and costs for livestock and meat. 1947.
- \*T 936. Marketing margins and costs for dairy products. 1946. 20¢. For sale only.
- \*T 961. Marketing and manufacturing margins for hides and skins, leather, and leather products. 1948. 20¢. For sale only.

**Yearbook Separates:**

- \*YS 1147. Crop and livestock production trends. 1931. 10¢. For sale only.
- YS 1686. United States meat inspection. 1939.

**Charts:**

- \*Group No. 6. Meat identification, beef. 1940. 15¢ a set. For sale only.
  - 6.1 Side of beef.
  - 6.2 Brisket, plate, flank, and foreshank pieces.
  - 6.3 Chuck rib series, cross arm and neck pieces of beef.
  - 6.4 Rump and rib cuts.
  - 6.5 Steaks from loin of beef.
  - 6.6 Round and hind shank cuts.
  - 6.7 Grades of beef ribs and rounds.
- \*Wholesale and retail cuts of beef, veal, and lamb. 16 by 24 inches. Colored. 1926; revised 1948. 50¢ a set. For sale only.

**STORAGE****Farmers' Bulletins:**

- F 1078. Harvesting and storing ice on the farm. 1920; revised 1933.
- F 1260. Stored-grain pests. 1922; slightly revised 1940.
- \*F 1267. Utilization of flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. 5¢. For sale only.
- F 1442. Storage of sweetpotatoes. 1925; revised 1948.
- F 1636. Farm bulk storage for small grains. 1930; slightly revised 1940.

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**Farmers Bulletins—Continued.**

- \*F 1811. Control of insects attacking grain in farm storage. 1938; revised 1942. 10¢. For sale only.
- \*F 1880. Control of insect pests of grain in elevator storage. 1941. 5¢. For sale only.
- F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.
- F 1939. Home storage of vegetables and fruits. 1943; slightly revised 1943.
- F 1976. Handling and storing soft corn on the farm. 1945; slightly revised 1946.
- F 1979. Making and storing farm butter for home use. 1946.
- F 1986. Potato storage. 1947.

**Leaflets:**

- L 195. Mealworms. 1940.
- L 220. Storage of vegetable seeds. 1942.

**Alaska Agricultural Experiment Station Circular:**

- \*AESC 7. Potato storage in Alaska's Matanuska Valley. 1948. 10¢. For sale only.

**Circulars:**

- C 371. Development of phoma rot of tomatoes in transit and in storage. 1935.
- \*C 553. Handling and storing small lots of dates at home. 1940. 5¢. For sale only.
- \*C 587. Temperatures of wheat in experimental farm-type storages. 1941. 10¢. For sale only.
- C 600. Mortality of the apple maggot in fruit held in cold storage. 1941.
- C 602. Field infestation by insects that injure rice in storage. 1941.
- \*C 613. Studies on the respiration of strawberry and raspberry fruits. 1941. 5¢. For sale only.
- C 635. Control of insects attacking stored tobacco and tobacco products. 1942.
- \*C 637. Wheat storage in experimental farm-type bins. 1942. 30¢. For sale only.
- \*C 669. Winter storage of strawberry plants. 1943. 5¢. For sale only.
- C 699. Curing and storage methods in relation to quality of Porto Rico sweetpotatoes. 1944.
- C 720. Controlling insects in flour mills. 1945; slightly revised 1948.
- C 740. Cold storage for apples and pears. 1946.
- C 759. Coordinated management for harvesting, storing, and marketing Northwest apples. 1947.
- C 760. Grain sorghum storage. 1947.
- C 765. Ozone in relation to storage of apples. 1948.

**Technical Bulletins:**

- \*T 490. Explosibility of agricultural and other dusts as indicated by maximum pressure and rates of pressure rise. 1935. 5¢. For sale only.
- T 507. The cooking quality palatability and carbohydrate composition of potatoes as influenced by storage temperature. 1936.
- \*T 670. Relation of temperature and moisture content to longevity of Chewings fescue seed. 1939. 10¢. For sale only.
- T 680. Effect of storage temperatures on peaches. 1939.
- T 770. Investigations on the storage of nuts. 1941.
- \*T 771. Calorimetric measurements of the heat of respiration of fruits and vegetables. 1941. 5¢. For sale only.
- T 908. Changes in lemons during storage as affected by air circulation and ventilation. 1946.
- T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948.

**Yearbook Separates:**

- \*YS 1992. Storing grain in small bins. 1947. 5¢. For sale only.
- \*YS 1993. The cold storage of apples. 1947. 5¢. For sale only.
- \*YS 1994. Shell-cooled potato storage. 1947. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## TRANSPORTATION

## Leaflets:

- L 38. Maintaining the health of livestock in transit. 1929; revised 1931.

## Circulars:

- C 371. Development of phoma rot of tomatoes in transit and in storage. 1935.  
 C 574. Studies on the "raisining" of Alexandria (Muscat) grapes in transit. 1940.  
 C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948.

## Miscellaneous Publications:

- M 585. Air transport of agricultural perishables. 1946.

## Statistical Bulletins:

- \*SB 38. Car-lot shipments and unloads of important fruits and vegetables for the calendar years 1929 and 1930. 1932. 15¢. For sale only.  
 \*SB 42. Car-lot shipments of fruits and vegetables from stations in the United States for the calendar years 1930 and 1931. 1933. 10¢. for sale only.  
 SB 46. Car-lot shipments and unloads of important fruits and vegetables for the calendar years 1931 and 1932. 1934.

## Technical Bulletins:

- T 272. The marketing and distribution of fruits and vegetables by motor-truck. 1931.  
 T 445. Market distribution of car-lot shipments of fruits and vegetables in the United States. 1934.  
 T 525. Handling, precooling, and transportation of Florida strawberries. 1936.  
 T 550. Protection of apples and pears in transit from the Pacific Northwest during the winter months. 1937.  
 T 857. Stage icing in the refrigeration of oranges in transit from California. 1943.  
 \*T 899. Precooling California grapes and their refrigeration in transit. 1945. 15¢. For sale only.

## PLANT INDUSTRIES

## GENERAL CROP CULTURE

## Miscellaneous Publications:

- M 485. Seedtime and harvest today. 1942.  
 M 507. Day length and crop yields. 1942.

## Technical Bulletins:

- T 732. Arsenic distribution in soils and its presence in certain plants. 1940.

## Yearbooks:

- \*YB 1936. Better plants and animals—I. \$1.25. For sale only.

## Yearbook Separates:

- YS 1918. Plant growth regulators. 1947.  
 YS 1920. Day length and flowering. 1947.  
 YS 1922. About hydroponics. 1947.  
 \*YS 1946. G-men of plant diseases. 1947. 5¢. For sale only.

## Unnumbered:

- Experiment station progress in insect and plant disease control, 1945. (Reprint from Report on the Agricultural Experiment Stations, 1945.)

## Miscellaneous:

- Plant Inventory 133. Plant material introduced by the Division of Plant Exploration and Introduction, Bureau of Plant Industry, October 1 to December 31, 1937 (124969 to 126493). 1948.

## DRUG AND RELATED PLANTS

## Farmers' Bulletins:

- \*F 663. Drug plants under cultivation. 1915; slightly revised 1935. 10¢. For sale only.



## Farmers' Bulletins—Continued.

- \*F 1184. Ginseng culture. 1921; revised 1941. 5¢. For sale only.
- \*F 1977. Savory herbs: Culture and use. 1946. 10¢. For sale only.
- F 1988. Mint farming. 1948.

## Department Bulletins:

- DB 706. American sumac: A valuable tanning material and dye-stuff. 1918; slightly revised 1935.

## Miscellaneous Publications:

- \*M 77. American medicinal plants of commercial importance. 1930. 30¢. For sale only.

## Technical Bulletins:

- T 16. Methods of extracting volatile oils from plant material and the production of such oils in the United States. 1928.
- T 378. Commercial possibilities of Japanese mint in the United States as a source of natural menthol. 1933.
- T 595. Studies on the possibilities of devil's shoestring (*Tephrosia virginiana*) and other native species of *Tephrosia* as commercial sources of insecticides. 1938.

## FIBER CROPS

## Cotton

## Farmers' Bulletins:

- \*F 831. The red spider on cotton and how to control it. 1917; slightly revised 1940. 5¢. For sale only.
- F 1179. Feeding cottonseed products to livestock. 1920; revised 1945.
- \*F 1661. Farm study of the cotton plant. 1931. 5¢. For sale only.
- \*F 1686. Common errors in cotton production. 1932. 5¢. For sale only.
- \*F 1688. Insect enemies of the cotton plant. 1932. 5¢. For sale only.
- \*F 1729. Machinery for dusting cotton. 1934. 5¢. For sale only.
- \*F 1745. Cotton diseases and methods of control. 1935. 5¢. For sale only.
- F 1802. Modernizing cotton gins. 1938; slightly revised 1939.

## Leaflets:

- L 151. Effects of feeds and saw speeds on cotton turn-out and quality. 1937.
- \*L 169. Preventing gin damage to cotton. 1938. 5¢. For sale only.
- \*L 181. Drying seed cotton. 1939. 5¢. For sale only.
- L 198. Cottonseed treatment. 1940.
- \*L 211. Cotton from boll to bale. 1941. 5¢. For sale only.
- L 212. The sand wireworm. 1941.
- L 216. Cotton gin maintenance. 1942.
- L 217. Ginning cotton for pure seed preservation. 1942; slightly revised 1943.
- L 241. Preventing cotton-press damage. 1944.
- L 246. Safeguarding identification of cotton bales. 1948.

## Agricultural Information Series:

- IS 41. 7 steps to help you face the future with cotton. 1946.

## Circulars:

- \*C 76. Fires in cotton gins and how to prevent them. 1929. 5¢. For sale only.
- C 393. Care and maintenance of cotton-gin saws and ribs. 1936; revised 1939.
- \*C 467. Care and repair of cotton-gin brushes. 1938. 5¢. For sale only.
- \*C 510. Air-blast gin performance and maintenance. 1938. 5¢. For sale only.
- C 540. Cotton-tillage studies on Red Bay sandy loam. 1940.
- \*C 601. Reducing power waste in operating cotton gins. 1941. 5¢. For sale only.
- C 621. A practical seed-cotton moisture tester for use at gins. 1941.
- \*C 646. Pure-seed production of Egyptian-type cotton. 1942. 5¢. For sale only.
- \*C 651. Effects of artificially drying seed cotton on certain quality elements of cottonseed in storage. 1942. 5¢. For sale only.
- C 693. Ratooned S X P cotton. 1944.

## Circulars—Continued.

- \*C 726. Use of commercial fertilizers in cotton production. 1945. 10¢. For sale only.
- C 733. Standard-density cotton-gin presses. 1945.
- C 736. The packaging of American cotton and methods for improvement. 1945.
- \*C 737. The deterioration of cotton fabric by certain micro-organisms. 1945. 5¢. For sale only.
- \*C 768. Cottonseed handling with small air pipes. 1948. 5¢. For sale only.
- \*C 782. Laboratory gins and tests of reliability of ginning with different sizes of seed cotton lots. 1948. 5¢. For sale only.
- C 794. Delivery notices in cotton futures markets. 1948.

## Commodity Statistics:

- CS 2. Cotton futures statistics, August 1941—July 1942. 1943.
- CS 5. Cotton quality statistics, United States, 1942-43. 1943.
- CS 10. Cotton quality statistics, in the United States, 1943-44. 1944.
- CS 15. Cotton quality statistics, United States, 1944-45. 1945.
- CS 26. Cotton quality statistics, United States, 1946-47. 1947.

## Miscellaneous Publications:

- M 239. The vertical drier for seed cotton. 1936; revised 1941.
- \*M 242. Development and use of standards for grade, color, and character of American cotton linters. 1936. 5¢. For sale only.
- \*M 310. The classification of cotton. 1938. 15¢. For sale only.
- \*M 314. Overhead cleaner-drying systems for seed cotton. 1938. 5¢. For sale only.
- \*M 385. Sources of heat for cotton drying. 1940. 5¢. For sale only.
- \*M 427. Questions and answers on the cotton mattress program. 1941. 5¢. For sale only.
- \*M 441. Cottonseed: Official grading and market news. 1941. 5¢. For sale only.
- M 445. The work of the United States Cotton Ginning Laboratory. 1941.
- \*M 474. The cotton-and-tobacco South. 1941. 10¢. For sale only.
- M 484. Cotton or boll weevils. 1942.
- M 527. Packing of cotton at gins for uniform density. 1943.
- M 577. Domestic cotton surplus disposal programs. 1945.
- M 594. Facts about cotton and Southern farming. 1946.

## Picture Sheets:

- \*No. 16. Bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 17. Cotton aphid.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 18. Cotton flea hopper.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 19. Cotton leafworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 20. Red spider.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- No. 21. Pink bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1948.

## Separates from Agricultural Statistics:

- SA 52. Statistics of cotton, sugar, and tobacco, 1941.
- SA 74. Statistics of cotton, sugar, and tobacco, 1943.
- \*SA 85. Statistics of cotton, sugar, and tobacco, 1944. 10¢. For sale only.
- SA 96. Statistics of cotton, sugar, and tobacco, 1945.

## Statistical Bulletins:

- \*SB 45. Grade and staple length of cotton carried over in the United States as related to the domestic supply, 1928-29 to 1931-32. 1934. 5¢. For sale only.
- \*SB 52. Grade, staple length, and tenderability of cotton in the United States, 1928-29 to 1933-34. 1936. 10¢. For sale only.
- SB 56. Grade, staple length, and tenderability of cotton in the United States, 1928-29 to 1934-35. 1937.

## Technical Bulletins:

- T 296. Feeding punctures of mirids and other plant-sucking insects and their effect on cotton. 1932.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Technical Bulletins—Continued.

- \*T 392. Effects of stress conditions on the cotton plant in Arizona. 1933. 5¢. For sale only.
- T 423. Fluctuations in prices of cotton futures contracts. 1934.
- \*T 436. Cotton root rot as affected by crop rotation and tillage at San Antonio, Texas. 1934. 10¢. For sale only.
- \*T 503. Effects on gin-saw speed and seed-roll density on quality of cotton lint and the operation of the gin-stand. 1936. 10¢. For sale only.
- \*T 623. Fumigation of baled cotton with hydrocyanic acid for the pink bollworm. 1938. 10¢. For sale only.
- \*T 642. The field cricket in relation to the cotton plant in Louisiana. 1939. 10¢. For sale only.
- \*T 645. Manufacturing and serviceability tests on sheetings made from two selected mill types of cotton. 1939. 10¢. For sale only.
- T 663. Effect of cleaning seed cotton on lint quality and ginning efficiency. 1939.
- \*T 710. Differential growth rates in cotton varieties and their response to seasonal conditions at Greenville, Texas. 1940. 10¢. For sale only.
- \*T 734. Anatomical structure of the cottonseed coat as related to problems of germination. 1940. 5¢. For sale only.
- \*T 755. Cotton-price relationships and outlets for American cotton. 1941. 5¢. For sale only.
- T 835. Experiments toward the control of the take-all disease of wheat and the *Phymatotrichum* root rot of cotton. 1942.
- T 878. Neps in cotton yarns as related to variety, location, and season of growth. 1944.
- T 891. Marketing and manufacturing margins for textiles. 1945.
- T 903. Effect of variety, location, and season on oil, protein, and fuzz of cottonseed and on fiber properties of lint. 1945.
- T 931. Fiber and spinning properties of cotton, with special reference to varietal and environmental effects. 1946.
- T 935. Occurrence of cotton fiber contaminated by *Aerobacter cloacae*. 1947.
- T 948. Cultural practices as related to incidence of cotton root rot in Texas. 1948.
- T 949. Structure, determined by X-ray, and strength of cotton fiber. 1948.
- T 956. Bacterial blight of cotton under conditions of artificial inoculation. 1948.

## Yearbook Separates:

- \*YS 1934. What makes cotton good? 1947. 5¢. For sale only.
- \*YS 1986. Cotton ginning. 1947. 5¢. For sale only.

## Flax

## Farmers' Bulletins:

- F 1728. Flax-fiber production. 1934; revised 1940.
- F 1747. Flaxseed production in the North Central States. 1935; revised 1942.
- \*F 1793. Flaxseed production in the Far Western States. 1937. 5¢. For sale only.

## Technical Bulletins:

- T 938. Flaxseed in American farming. 1947.

## Yearbook Separates:

- YS 1937. Flax moves West. 1947.
- \*YS 1977. Paper from flax. 1947. 5¢. For sale only.

## Charts:

- \*Group No. 14. Miscellaneous fiber plants. 1940. 10¢ a set. For sale only.
  - 14.1. Fiber flax.
  - 14.2. Fiber plants—I.
  - 14.3. Fiber plants—II.

## Other Fiber Crops

## Farmers' Bulletins:

- F 1935. Hemp. 1943.

**Bibliographical Bulletins:**

- B 2. A summary of the literature on milkweed (*Asclepias spp.*) and their utilization. 1943.

**Miscellaneous Publications:**

- M 518. Fiber production in the Western Hemisphere. 1943.

**Technical Bulletins:**

- T 891. Marketing and manufacturing margins for textiles. 1945.

**Charts:**

- \*Group No. 14. Miscellaneous fiber plants. 1940. 10¢ a set. For sale only.  
 14.1 Fiber flax.  
 14.2 Fiber plants—I.  
 14.3 Fiber plants—II.

**FORAGE CROPS****General Culture****Farmers' Bulletins:**

- \*F 1761. Harvesting with combines. 1936; revised 1947. 15¢. For sale only.  
 \*F 1924. Reseeding to increase the yield of Montana range lands. 1943. 10¢.  
     For sale only.  
 F 1948. Sagebrush burning—good and bad. 1944.  
 F 1973. Irrigated pastures for forage production and soil conservation. 1945.

**Leaflets:**

- \*L 72. Measuring hay in stacks. 1931. 5¢. For sale only.  
 L 107. The barrel seed scarifier. 1934.

**Agricultural War Information Series:**

- W 97. Making high-grade hay. 1944.

**Circulars:**

- C 62. The utilization of browse forage as summer range for cattle in southwestern Utah. 1929.  
 \*C 178. Artificial reseeding on western mountain range lands. 1931. 15¢.  
     For sale only.  
 C 458. Artificial reseeding on oak-brush range in central Utah. 1938.  
 \*C 666. Influence of lime and fertilizers on pasture establishment. 1943.  
     5¢. For sale only.  
 \*C 748. Judging mountain meadow range condition in eastern Oregon and eastern Washington. 1946. 10¢. For sale only.

**Separates from Agricultural Statistics:**

- SA 77. Statistics of hay, seeds, and minor field crops, 1943.  
 SA 88. Statistics of hay, seeds, and minor field crops, 1944.  
 SA 99. Statistics of hay, seeds, and minor field crops, 1945.

**Technical Bulletins:**

- \*T 419. Forage-crop field experiments at West Point, Miss. 1934. 5¢.  
     For sale only.  
 T 649. Relative values for milk production of hay and silage made from immature pasture herbage. 1938.  
 \*T 805. Experiments with annual crops and permanent pastures to provide grazing for dairy cows in the Sandhill region of the Southeast. 1941. 10¢. for sale only.  
 T 818. Growth and carbohydrate content of important mountain forage plants in Central Utah as affected by clipping and grazing. 1942.  
 T 890. Measuring productive capacity of pastures through maintenance studies with mature steers. 1945.  
 \*T 943. Nutritional qualities of range forage plants in relation to grazing with beef cattle on the Southern Plains Experimental Range. 1947. 15¢. For sale only.

**Yearbook Separates:**

- YS 1810. Climate and forage crops. 1941.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## Diseases and Insects

## Farmers' Bulletins:

- F 1003. How to control billbugs destructive to cereal and forage crops. 1919; revised 1932.  
 \*F 1258. Webworms injurious to cereal and forage crops, and their control. 1922. 5¢. For sale only.  
 F 1780. How to fight the chinch bug. 1937.  
 \*F 1798. Control of common white grubs in cereal and forage crops. 1938. 10¢. For sale only.  
 \*F 1828. Grasshoppers and their control. 1939. 10¢. For sale only.  
 \*F 1866. Wireworms and their control on irrigated lands. 1941. 10¢. For sale only.  
 F 1928. Mormon crickets and their control. 1943.

## Circulars:

- C 494. The Texas leaf-cutting ant and its control. 1938.  
 C 575. Control of the Mormon cricket by the use of poisoned bait. 1940.

## Technical Bulletins:

- T 866. Nature and extent of Mormon cricket damage to crop and range plants. 1944.

## Alfalfa

## Farmers' Bulletins:

- \*F 982. Control of the green clover worm in alfalfa fields. 1918. 5¢. For sale only.  
 \*F 1161. Dodder. 1921; revised 1923. 5¢. For sale only.  
 F 1539. High-grade alfalfa hay: Methods of producing, baling, and loading for market. 1929; revised 1943.  
 F 1642. Chalcid control in alfalfa-seed production. 1931.  
 F 1731. Alfalfa varieties in the United States. 1934; slightly revised 1946.  
 F 1930. Prevention and control of alfalfa weevil damage. 1943.

## Leaflets:

- L 229. The potato leafhopper, a pest of alfalfa in the Eastern States. 1942.

## Circulars:

- \*C 735. The water requirements of alfalfa. 1945. 5¢. For sale only.

## Technical Bulletins:

- T 701. Alfalfa experiments at Stoneville, Miss., 1935-37. 1939.

## Yearbook Separates:

- \*YS 1944. Breeding better alfalfa. 1947. 5¢. For sale only.

## Clover

## Farmers' Bulletins:

- F 971. The control of the clover-flower midge. 1918; slightly revised 1947.  
 \*F 1151. Alsike clover. 1920; slightly revised 1947. 10¢. For sale only.  
 F 1770. High-grade timothy and clover hay: Methods of producing, baling, and loading for market. 1937.  
 \*F 1910. Ladino white clover for the Northeastern States. 1942. 5¢. For sale only.  
 F 1929. Persian clover. 1943.

## Leaflets:

- \*L 23. Sweetclover. 1928; revised 1939. 5¢. For sale only.  
 L 93. Red-clover seed production in the Intermountain States. 1932.  
 L 98. Red-clover failure in relation to anthracnose in the southern part of the clover belt. 1933.  
 \*L 110. Why red clover fails. 1934; revised 1938. 5¢. For sale only.  
 L 119. White clover. 1936; revised 1947.  
 L 160. Crimson clover. 1938; revised 1947.  
 L 176. Strawberry clover. 1939.

## Yearbook Separates:

- YS 1943. More and better clover. 1947.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Grasses

## Farmers' Bulletins:

- F 1126. Sudan grass. 1920; slightly revised 1941.
- \*F 1433. Cultivated grasses of secondary importance. 1925; slightly revised 1944. 10¢. For sale only.
- \*F 1574. Preparing Johnson hay for market in the Black Prairie Belt of Alabama and Mississippi. 1928. 5¢. For sale only.
- \*F 1602. Reed canary grass. 1929; revised 1938. 5¢. For sale only.
- F 1770. High-grade timothy and clover hay; Methods of producing, baling, and loading for market. 1937.
- F 1850. The armyworm and its control. 1940; slightly revised 1947.
- F 1913. Regrassing for soil protection in the Southwest. 1942.
- \*F 1949. Judging conditions and utilization of short-grass ranges. 1944. 10¢. For sale only.
- F 1985. Seed for regressing Great Plains areas. 1947.

## Leaflets:

- L 104. Crested wheatgrass. 1934; revised 1947.
- L 115. Timothy seed production. 1936.
- \*L 171. The timothy crop. 1939. 5¢. For sale only.
- L 180. How to keep and increase black grama on southwestern ranges. 1939; slightly revised 1948.
- L 196. The ryegrasses. 1940.
- L 215. How to graze blue grama on southwestern ranges. 1942.

## Agricultural Information Series:

- IS 27. Sagebrush to grass. 1945.

## Agricultural War Information Series:

- W 43. Grass seed production. 1943.

## Circulars:

- C 328. Methods of reestablishing buffalo grass on cultivated land in the Great Plains. 1934; slightly revised 1935.
- C 558. Processing seed of grasses and other plants to remove awns and appendages. 1940.
- C 655. Basis for judging subalpine grassland ranges of Oregon and Washington. 1942.
- C 705. Comparison of native grasses and crested wheatgrass and of supplements for beef cattle in the northern Great Plains. 1944.

## Technical Bulletins:

- \*T 307. Crested wheatgrass as compared with brome grass, slender wheatgrass, and other hay and pasture crops for the northern Great Plains. 1932. 5¢. For sale only.
- T 409. The influence of precipitation and grazing upon black grama grass range. 1934.
- T 598. The relation of growth to the varying carbohydrate content in mountain brome. 1938.
- \*T 638. Temperature and other factors affecting the germination of fescue seed. 1939. 10¢. For sale only.
- \*T 670. Relation of temperature and moisture content to longevity of Chewings fescue seed. 1939. 10¢. For sale only.
- T 681. The effect of intensity and frequency of clipping on density and yield of black grama and tobosa grass. 1939.
- T 951. Vegetative characteristics of some wild forms of saccharum and related grasses. 1948.

## Yearbook Separates:

- \*YS 1942. Grasses for hay and pasture. 1947. 5¢. For sale only.
- \*YS 1997. Regrassing the range. 1947. 5¢. For sale only.

## Legumes

## Farmers' Bulletins:

- F 1663. Winter legumes for green manure in the Cotton Belt. 1931; revised 1948.
- F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins—Continued.**

F 1946. Lupines: New legumes for the south. 1943; slightly revised 1947.

**Leaflets:**

L 163. Legumes in soil conservation practices. 1938.

**Circulars:**

C 703. Method of testing legume bacteria cultures and results of tests of commercial inoculants in 1943. 1944.

\*C 724. Results of tests of commercial legume inoculants in 1944. 1945. 5¢. For sale only.

**Miscellaneous Publications:**

M 499. Fungi reported on species of *Medicago*, *Melilotus* and *Trifolium* 1943.

**Technical Bulletins:**

T 867. Responses of beans (*Phaseolus*) and other legumes to length of day. 1944.

**Yearbook Separates:**

YS 1945. New legumes for the South. 1947.

**Sorghums****Farmers' Bulletins:**

\*F 1566. The sorghum midge, with suggestions for control. 1928; slightly revised 1941. 5¢. For sale only.

F 1619. Sorgo for sirup production: Culture, harvesting and handling. 1930; slightly revised 1942.

\*F 1764. Growing and feeding grain sorghums. 1936; slightly revised 1946. 10¢. For sale only.

F 1791. Farm production of sorgo sirup. 1938.

F 1844. The culture and use of sorghums for forage. 1940.

F 1959. Sorghum diseases and their control. 1944.

**Circulars:**

C 760. Grain sorghum storage. 1947.

**Technical Bulletins:**

\*T 585. Resistance of sorghums to the chinch bug. 1937. 15¢. For sale only.

\*T 778. The biology and control of the sorghum midge. 1941. 10¢. For sale only.

T 839. Seed rot and seedling blight of sorghum. 1943.

\*T 849. Chemical seed treatments for the control of certain diseases of sorghum. 1943. 10¢. For sale only.

T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948.

T 957. Anatomy and morphology of the vegetative organs of *Sorghum vulgare*. 1948.

**Yearbook Separates:**

YS 1930. Progress with sugar sorgo. 1947.

YS 1941. Tailor-made sorghums. 1947.

**Soybeans****Farmers' Bulletins:**

\*F 1520. Soybeans: Culture and varieties. 1927; revised 1939. 10¢. For sale only.

\*F 1605. Soybean hay and seed production. 1929. 5¢. For sale only.

\*F 1617. Soybean utilization. 1930; revised 1932. 5¢. For sale only.

F 1937. Soybean diseases and their control. 1943.

**Leaflets:**

\*L 12. The striped blister beetle on soybeans. 1927. 5¢. For sale only.

**Agricultural Information Series:**

IS 65. Save weather-damaged soybeans. Our country needs this crop. 1947.

**Circulars:**

C 753. Relation of temperature and seed moisture to the viability of stored soybean seed. 1946.

**Miscellaneous Publications:**

- M 534. Soybeans and soybean products as food. 1943.  
 M 623. Improvement and industrial utilization of soybeans. (Research under the Soybean Laboratory Program.) 1947.

**Technical Bulletins:**

- T 748. Rapid determination of soybean oil content and of iodine number of soybean oil. 1940.  
 \*T 787. Influence of varieties, element and fertility level on the chemical composition of soybean seed. 1942. 15¢. For sale only.

**Miscellaneous****Farmers' Bulletins:**

- F 1153. Cowpeas: Utilization. 1920.  
 \*F 1276. The velvet bean. 1922; revised 1938. 5¢. For sale only.  
 F 1656. Peanut growing. 1931; revised 1943.  
 \*F 1740. Vetch culture and uses. 1934; slightly revised 1942. 10¢. For sale only.  
 \*F 1803. Culture and pests of field peas. 1938. 5¢. For sale only.  
 F 1852. Lespedeza culture and utilization. 1940; revised 1946.  
 F 1980. Crotalaria culture and utilization. 1946.

**Leaflets:**

- L 240. Kobe, a superior lespedeza. 1944.

**Circulars:**

- C 536. The annual lespedezas as forage and soil conserving crops. 1939.  
 C 555. Fumigation of vetch seed for the vetch bruchid. 1940.  
 \*C 565. Austrian winter field pea diseases and their control in the South. 1940. 10¢. For sale only.

**Technical Bulletins:**

- T 704. Bacterial wilt of lespedeza. 1939.

**GRAIN AND CEREAL CROPS****General****Farmers' Bulletins:**

- F 1636. Farm bulk storage of small grains. 1930; slightly revised 1940.  
 \*F 1761. Harvesting with combines. 1936; revised 1947. 15¢. For sale only.

**Circulars:**

- \*C 623. The conversion of the weights of mechanical separations of grain into percentages. 1942. 5¢. For sale only.  
 C 630. Improved Bates laboratory aspirator. 1942.  
 C 696. Single grains and grain mixtures as supplements to alfalfa hay and silage for milk production. 1944.

**Miscellaneous Publications:**

- \*M 219. Treat seed grain. 1934; revised 1944. 5¢. For sale only.  
 M 325. Grain grading primer. 1938; revised 1943.  
 M 328. The service of Federal grain standards. 1938.

**Program Aids:**

- PA 41. Rat control methods. 1948.

**Separates from Agriculture Statistics:**

- SA 51. Statistics of grains. 1941.  
 SA 73. Statistics of grains. 1943.  
 \*SA 84. Statistics of grains. 1944. 10¢. For sale only.  
 SA 95. Statistics of grains. 1945.

**Technical Bulletins:**

- \*T 648. Comparative susceptibility of crop plants to sodium chlorate injury. 1940. 10¢. For sale only.  
 \*T 747. Grain prices and the futures market: A 15-year survey, 1923-1938. 1941. 10¢. For sale only.  
 T 847. Fattening steers on milo grain in the southern Great Plains. 1943.  
 T 934. Marketing margins and costs for grains, grain products, and dry edible beans. 1947.



**Technical Bulletins—Continued.**

- \*T 971. Analysis of hedging and other operations in grain futures. 1948. 20¢. For sale only.

**Yearbook Separates:**

- \*YS 1992. Storing grain in small bins. 1947. 5¢. For sale only.

**Diseases and Insects****Farmers' Bulletins:**

- F 739. Cutworms and their control in corn and other cereal crops. 1916; slightly revised 1946.  
 F 1003. How to control billbugs destructive to cereal and forage crops. 1919; revised 1932.  
 \*F 1217. The green-bug or spring grain-aphis: How to prevent its periodical outbreaks. 1921; slightly revised 1944. 5¢. For sale only.  
 \*F 1258. Webworms injurious to cereal and forage crops, and their control. 1922. 5¢. For sale only.  
 F 1260. Stored-grain pests. 1922; slightly revised 1940.  
 F 1627. The hessian fly and how losses from it can be avoided. 1930; slightly revised 1936.  
 F 1657. The Great Basin wireworm in the Pacific Northwest. 1931.  
 F 1780. How to fight the chinch bug. 1937.  
 F 1798. Control of common white grubs in cereal and forage crops. 1938.  
 \*F 1811. Control of insects attacking grain in farm storage. 1938; revised 1942. 10¢. For sale only.  
 \*F 1828. Grasshoppers and their control. 1939. 10¢. For sale only.  
 F 1850. The army worm and its control. 1940; slightly revised 1947.  
 \*F 1866. Wireworms and their control on irrigated lands. 1941. 10¢. For sale only.  
 \*F 1880. Control of insect pests of grain in elevator storage. 1941. 5¢. For sale only.  
 F 1928. Mormon crickets and their control. 1943.

**Leaflets:**

- L 195. Mealworms. 1940.

**Circulars:**

- C 494. The Texas leaf-cutting ant and its control. 1938.  
 C 720. Controlling insects in flour mills. 1945; slightly revised 1948.

**Picture Sheets:**

- No. 12. Fall armyworm. 5¾ by 9¼ inches. Colored. 1941.

**Technical Bulletins:**

- \*T 266. Morphologic and physiologic studies on stem-rust resistance in cereals. 1931. 15¢. For sale only.  
 \*T 314. Factors affecting the development of the aecial stage of *Puccinia graminis*. 1932. 10¢. For sale only.  
 \*T 428. Cercospora foot rot of winter cereals. 1934. 10¢. For sale only.  
 T 901. Reaction of small grain varieties to green bug attack. 1945.

**Barley****Farmers' Bulletins:**

- F 1599. Scab of wheat and barley and its control. 1929; revised 1942.  
 F 1732. Growing barley for malt and feed. 1934; revised 1943.

**Agricultural Information Series:**

- IS 54. Grading barley at country points. 1946.

**Miscellaneous Publications:**

- M 131. A dangerous neighbor for wheat, oats, barley, and rye (barberry). 1932; revised 1941.

**Technical Bulletins:**

- \*T 513. Further experiments on the control of barley smuts. 1936. 5¢. For sale only.  
 T 720. A study of methods in barley breeding. 1940.  
 \*T 735. Yields of barley varieties in the United States and Canada, 1932-36. 1940. 10¢. For sale only.  
 T 881. Yields of barley varieties in the United States and Canada, 1937-41. 1944.

**Technical Bulletins—Continued.**

- \*T 907. Classification of barley varieties grown in the United States and Canada in 1945. 1946. 50¢. For sale only.  
 T 942. Taxonomic value of characters in cultivated barley. 1948.  
 T 953. Dormancy and the effect of storage on oats, barley, and sorghum. 1948.

**Yearbook Separates:**

- YS 1940. Improved varieties of barley. 1947.

**Corn and Popcorn****Farmers' Bulletins:**

- F 739. Cutworms and their control in corn and other cereal crops. 1916; slightly revised 1946.  
 \*F 875. The rough-headed corn stalk-beetle in the Southern States and its control. 1917; revised 1933. 5¢. For sale only.  
 \*F 891. The corn root-aphis and methods of controlling it. 1917. 5¢. For sale only.  
 F 948. The rag-doll seed tester: Its use in determining what ears of corn are fit for seed. 1918.  
 F 950. The southern corn rootworm and farm practices to control it. 1918; revised 1940.  
 F 1025. The larger corn stalk-borer. 1919; revised 1933.  
 F 1548. The European corn borer: Its present status and methods of control. 1927; revised 1948.  
 F 1651. The corn earworm as an enemy of field corn in the Eastern States. 1931; slightly revised 1943.  
 \*F 1679. Popcorn. 1931; revised 1948. 10¢. For sale only.  
 F 1714. Corn culture. 1933.  
 \*F 1715. Methods and costs of husking corn in the field. 1933. 5¢. For sale only.  
 F 1744. The what and how of hybrid corn. 1935.  
 F 1816. Mechanizing the corn harvest. 1938.  
 F 1822. Seed corn. 1939.  
 F 1878. Bacterial wilt of corn. 1941.  
 F 1976. Handling and storing soft corn on the farm. 1945; slightly revised 1946.

**Agricultural Information Series:**

- IS 32. Seven questions to ask when you buy or sell shelled corn by grade. 1945; slightly revised 1948.

**Circulars:**

- C 321. Use of farm machinery for corn-borer control in the one-generation area. 1934.  
 \*C 397. Analysis of open commitments in wheat and corn futures on the Chicago Board of Trade, September 29, 1934. 1936. 5¢. For sale only.  
 \*C 603. Estimating the quantity of settled corn silage in a silo. 1941. 5¢. For sale only.  
 C 649. Studies on the prevalence of the European corn borer in the East North Central States. 1942.  
 \*C 674. Diseases of dent corn in the United States. 1943. 10¢. For sale only.  
 C 688. Farm adjustments and income on typical Corn Belt farms. 1943.

**Commodity Statistics Series:**

- CS 1. Corn futures statistics. 1943.

**Picture Sheets:**

- No. 11. Corn earworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.

**Statistical Bulletins:**

- \*SB 43. Corn futures: Volume of trading, open commitments and prices from January 2, 1930, to December 31, 1932. 1933. 10¢. For sale only.  
 \*SB 55. Corn futures: Volume of trading, open commitments and prices from January 3, 1933, to December 31, 1935. 1937. 15¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Statistical Bulletins—Continued.**

SB 74. Corn futures: Volume of trading, open commitments and prices from January 2, 1936, to December 30, 1939. 1941.

**Technical Bulletins:**

- \*T 388. The southwestern corn borer. 1933. 10¢. For sale only.
- T 862. Comparison of corn and corn molasses mixture for fattening beef calves and after weaning. 1943.
- T 864. Corn-molasses mixtures compared with corn for fattening beef cattle in the Coastal Plain Area. 1943.
- T 898. Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworm. 1945.

**Yearbook Separates:**

- \*YS 1606. Popcorn breeding. 1937. 5¢. For sale only.
- YS 1938. Corn hybrids for the South. 1947.
- YS 1974. Corncocks enter industry. 1947.

**Plant Disease Posters:**

- \*No. 14. Corn diseases. 1932. 7¼ by 12 inches. Colored. 5¢. For sale only.
  - A. Diplodia seedling blight.
  - B. Gibberella seedling blight.
- \*No. 15. Corn diseases. 1932. 7¼ by 12 inches. Colored. 5¢. For sale only.
  - A, B. Healthy germinating kernels.
  - C, D, E. Germinating kernels infected with *Cephalosporium*.
  - F, G, H. Germinating kernels infected with *Fusarium*.

**Oats****Farmers' Bulletins:**

- \*F 1581. Oats in the North Central States. 1929; slightly revised 1930. 5¢. For sale only.
- \*F 1583. Spring-sown red oats. 1929. 5¢. For sale only.
- \*F 1611. Oats in the western half of the United States. 1929. 5¢. For sale only.
- \*F 1640. Fall-sown oat production. 1930. 5¢. For sale only.
- F 1947. Disease-resistant and hardy oats for the South. 1943.

**Circulars:**

- C 562. Maintaining identity and pure seed of southern oat varieties. 1940.
- C 622. The comparative winter hardiness of oat varieties. 1941.
- C 795. New varieties of oats from Bond crosses resistant to Victoria blight. 1948.

**Miscellaneous Publications:**

- M 131. A dangerous neighbor for wheat, oats, barley, and rye (barberry). 1932; revised 1941.

**Technical Bulletins:**

- \*T 568. Seed treatment experiments with oats naturally and artificially inoculated with smuts. 1937. 5¢. For sale only.
- T 952. Physiologic specialization in the oat smut fungi and its relation to breeding oats for smut resistance. 1948.
- T 953. Dormancy and the effect of storage on oats, barley and sorghum. 1948.

**Yearbook Separates:**

- \*YS 1939. Disease-resistant oats. 1947. 5¢. For sale only.

**Rice****Farmers' Bulletins:**

- F 1808. Rice culture in the Southern States. 1938.
- F 1854. Diseases of rice. 1940.
- F 1906. Insect pests of stored rice and their control. 1942; slightly revised 1947.

**Leaflets:**

- L 148. When to cut rice. 1937.

**Circulars:**

- \*C 484. Effect of date of harvest on yield and milling quality of rice. 1938. 5¢. For sale only.

## Circulars—Continued.

- C 602. Field infestation by insects that injure rice in storage. 1941.  
 \*C 612. Rice varieties and their comparative yields in the United States. 1941. 10¢. For sale only.  
 \*C 632. Rice-field insects. 1942. 10¢. For sale only.  
 C 752. Effect of parboiling and related treatments on the milling, nutritional, and cooking quality of rice. 1946.

## Miscellaneous Publications:

- M 615. Rice production and marketing in the United States. 1947.

## Technical Bulletins:

- \*T 540. Fungi isolated from discolored rice kernels. 1936. 5¢. For sale only.  
 \*T 772. Inheritance in rice of reaction to *Helminthosporium oryzae* and *Cercospora oryzae*. 1941. 5¢. For sale only.

## Yearbook Separates:

- \*YS 1935. New rices; new practices. 1947. 5¢. For sale only.

## Wheat

## Farmers' Bulletins:

- \*F 1006. The wheat jointworm and its control. 1918; revised 1940. 5¢. For sale only.  
 \*F 1323. The wheat strawworm and its control. 1923; revised 1937. 5¢. For sale only.  
 F 1429. Emmer and spelt. 1924; slightly revised 1938.  
 F 1599. Scab of wheat and barley and its control. 1929; revised 1942.  
 \*F 1607. The nematode disease of wheat and rye. 1929. 5¢. For sale only.  
 F 1627. The hessian fly and how losses from it can be avoided. 1930; slightly revised 1936.  
 F 1657. The Great Basin wireworm in the Pacific Northwest. 1931.  
 F 1711. Wheat smuts and their control. 1933; revised 1938.  
 F 1806. Hard red winter wheat varieties. 1938.  
 F 1817. Growing wheat in the eastern United States. 1939.  
 F 1902. Varieties of spring wheat for the North Central States. 1942.

## Agricultural Information Series:

- IS 33. Grading soft red winter wheat at country points. 1945.

## Agricultural War Information Series:

- W 86. Wheat grading at country points. 1944.

## Circulars:

- \*C 361. Removing smut balls from seed wheat. 1935. 5¢. For sale only.  
 \*C 397. Analysis of open commitments in wheat and corn futures on the Chicago Board of trade, September 29, 1934. 1936. 5¢. For sale only.  
 C 451. Influence of climatological factors in the development of cercospora foot rot of winter wheat. 1937.  
 \*C 587. Temperatures of wheat in experimental farm-type storages. 1941. 10¢. For sale only.  
 C 607. The black grain stem sawfly and the European wheat stem sawfly in the United States. 1941.  
 C 634. Distribution of the varieties and classes of wheat in the United States in 1939. 1942.  
 \*C 637. Wheat storage in experimental farm-type bins. 1942. 30¢. For sale only.  
 C 687. The hessian fly and its control by late sowing of wheat in Oklahoma and Arkansas. 1943.  
 \*C 732. The wheat midge in the Pacific Northwest. 1945. 5¢. For sale only.  
 C 761. Distribution of the varieties and classes of wheat in the United States in 1944. 1948.  
 C 762. The small rural industry—A study of the possibility of making insulating board from straw. 1947.  
 C 767. Falling of wheat culms due to lodging, buckling, and breaking. 1948.  
 C 783. Effects of awns on yield and market qualities of wheat. 1948.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Miscellaneous Publications:**

- M 131. A dangerous neighbor for wheat, oats, barley, and rye (barberry). 1932; revised 1941.

**Statistical Bulletins:**

- SB 72. Wheat futures: Volume of trading, open contracts and prices from January 2, 1936, to December 31, 1938. 1940.

**Technical Bulletins:**

- \*T 361. The hessian fly in the Pacific Northwest. 1933. 5¢. For sale only.  
 \*T 582. Studies on bunt, or stinking smut, of wheat and its control. 1937. 10¢. For sale only.  
 T 636. Correlations between annual precipitation and the yield of spring wheat in the Great Plains. 1938.  
 T 784. The wheat jointworm in Oregon, with special reference to its dispersion injury and parasitization. 1941.  
 T 814. An objective method of sampling wheat fields to estimate production and quality of wheat. 1942.  
 T 835. Experiments toward the control of the take-all disease of wheat and the *Phymatotrichum* root rot of cotton. 1942.  
 \*T 877. Wheat varieties resistant to the hessian fly and their reactions to stem and leaf rusts. 1944. 5¢. For sale only.  
 \*T 887. Quality characteristics of wheat varieties grown in the western United States. 1945. 10¢. For sale only.  
 T 928. The wheat stem maggots of the genus *Meromyza* in the Pacific Northwest. 1947.  
 T 969. Leaf rust of wheat in the uniform rust nurseries in the United States 1938-43. 1948.

**Yearbook Separates:**

- \*YS 1936. New varieties of wheat. 1947. 5¢. For sale only.  
 YS 1976. Starch from wheat. 1947.

**Miscellaneous****Farmers' Bulletins:**

- F 1162. Proso, or hog millet. 1920; slightly revised 1937.  
 \*F 1835. Growing buckwheat. 1939. 5¢. For sale only.

**HORTICULTURAL CROPS****FRUITS****General Culture****Farmers' Bulletins:**

- \*F 727. Growing fruit for home use in the Great Plains area. 1916; slightly revised 1937. 5¢. For sale only.  
 F 1001. Growing fruit for home use. 1938; slightly revised 1939.  
 F 1369. Bridge grafting. 1923; revised 1927.  
 \*F 1522. The home fruit garden on the northern Great Plains. 1927; revised 1940. 10¢. For sale only.  
 F 1567. Propagation of trees and shrubs. 1929; slightly revised 1945.  
 F 1870. Pruning hardy fruit plants. 1941.  
 F 1970. Conserving soil and moisture in orchards and vineyards. 1945.

**Leaflets:**

- L 172. Why fruit trees fail to bear. 1939; slightly revised 1943.  
 L 178. Dwarf fruits. 1939.  
 \*L 202. Grafting-wax melter. 1940. 5¢. For sale only.  
 \*L 218. The home fruit garden in the East Central and Middle Atlantic States. 1942; slightly revised 1945. 5¢. For sale only.  
 L 219. The home fruit garden in the Southeastern and Central Southern States. 1942.  
 L 221. The home fruit garden in the central Southwestern States. 1942.  
 L 222. The home fruit garden in the northern Great Plains, Northern Mountain and Intermountain States. 1942.  
 L 224. The home fruit garden in the Pacific Coast States and Arizona. 1942.

## Leaflets—Continued.

- \*L 227. The home fruit garden in the Northeastern and North Central States. 1942; slightly revised 1944. 5¢. For sale only.

## Circulars:

- C 713. Freezing injury of fruits and vegetables. 1944.

## Yearbook Separates:

- YS 1808. Climatic adaptation of fruit and nut crops. 1941.

## General Insects and Diseases

## Farmers' Bulletins:

- \*F 763. Orchard barkbeetles and pinhole borers, and how to control them. 1916; revised 1918. 5¢. For sale only.  
 F 1128. Control of aphids injurious to orchard fruits, currant, gooseberry and grape. 1920; revised 1926.  
 \*F 1676. Lubricating-oil sprays for use on dormant fruit trees. 1931; slightly revised 1933. 5¢. For sale only.

## Leaflets:

- \*L 161. The eastern tent caterpillar. 1938; slightly revised 1947. 5¢. For sale only.  
 L 187. Blight of apples, pears and quinces. 1939.  
 L 236. Preventing damage to commercial dried fruits by the raisin moth. 1943.

## Circulars:

- C 246. Life history and control of the Asiatic garden beetle. 1932; revised 1936.  
 C 494. The Texas leaf-cutting ant and its control. 1938.  
 C 561. Importation, rearing, and colonization of parasites of the oriental fruit moth. 1940.  
 C 594. The use of traps against the Japanese beetle. 1940.  
 C 606. Observations on the biology and control of the treehopper *Heliria praealta* (Fowler) in orchards of the Pacific Northwest. 1941.

## Miscellaneous Publications:

- \*M 439. The fruitflies of the genus *Anastrepha*. 1942. 40¢. For sale only.  
 M 498. Market diseases of fruits and vegetables: Citrus and other subtropical fruits. 1943.  
 M 526. Insecticides and equipment for controlling insects on fruits and vegetables. 1943; slightly revised 1945.

## Picture Sheets:

- No. 4. The Japanese beetle. 5¾ by 9¼ inches. Colored. 1939; revised 1948.

## Technical Bulletins:

- \*T 427. The use of naphthalene against the Japanese beetle. 1934. 5¢. For sale only.  
 \*T 444. Studies on the Mexican fruit fly, *Anastrepha ludens* (Loew). 1934. 5¢. For sale only.  
 T 788. Relative effectiveness of acid lead arsenate and other materials as stomach poisons for the larvae of the Japanese beetle. 1942.

## Yearbook Separates:

- \*YS 1947. Spot anthracnoses. 1947. 5¢. For sale only.

## General Marketing

## Farmers' Bulletins:

- \*F 1752. Spray-residue removal from apples and other fruits. 1935; revised 1943. 10¢. For sale only.  
 F 1821. Containers for fruits and vegetables. 1939.

## Circulars:

- \*C 627. Fruit pressure testers and their practical applications. 1941. 5¢. For sale only.  
 \*C 685. Harvest sprays for the control of fruit drop. 1943. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications:**

- M 167. A fruit and vegetable buying guide for consumers. 1933; revised 1948.
- M 460. The A B C of canned fruit and vegetable labeling. 1941.
- M 498. Market diseases of fruits and vegetables; Citrus and other sub-tropical fruits. 1943.
- M 565. Outline of suggested specifications for purchasing processed fruits and vegetables. 1945.
- M 598. Questions and answers on government inspection of processed fruits and vegetables. 1946.
- M 604. Standardization and inspection of fresh fruits and vegetables. 1946.

**Separates from Agricultural Statistics:**

- SA 53. Statistics of fruits, vegetables, melons, and tree nuts, 1941.
- SA 76. Statistics of fruits, vegetables, melons, and tree nuts, 1943.
- SA 98. Statistics of fruits, vegetables, melons, and tree nuts, 1945.

**Statistical Bulletins:**

- \*SB 38. Car-lot shipments of fruits and vegetables for the calendar years 1929 and 1930. 1932. 15¢. For sale only.
- \*SB 42. Car-lot shipments of fruits and vegetables from stations in the United States for the calendar years 1930 and 1931. 1933. 10¢. For sale only.
- SB 46. Car-lot shipments and unloads of important fruits and vegetables for the calendar years 1931 and 1932. 1934.

**Technical Bulletins:**

- T 272. The marketing and distribution of fruits and vegetables by motor-truck. 1931.
- T 445. Market distribution of carlot shipments of fruits and vegetables in the United States. 1934.

**Posters:**

- Save containers for re-use: Open carefully—keep clean—save tops. 14 $\frac{1}{4}$  by 20 inches. Colored. 1944.

**Apples****Farmers' Bulletins:**

- \*F 938. Apple bitter-rot and its control. 1918; revised 1935. 5¢. For sale only.
- \*F 1065. The flat-headed apple-tree borer. 1919. 5¢. For sale only.
- \*F 1380. Apple scald and its control. 1923; revised 1947.
- \*F 1695. Preparing apples for market in barrels and baskets. 1933. 5¢. For sale only.
- \*F 1752. Spray-residue removal from apples and other fruits. 1935; revised 1943. 10¢. For sale only.
- F 1897. Young apple orchards, establishing and managing. 1942.

**Leaflets:**

- L 187. Blight of pears, apples and quinces. 1939.

**Circulars:**

- C 91. Market supplies and prices of apples. 1929.
- \*C 579. The relation of firmness to ripeness of eastern-grown apples. 1941. 5¢. For sale only.
- C 600. Mortality of the apple maggot in fruit held in cold storage. 1941.
- C 740. Cold storage for apples and pears. 1946.
- C 751. Blue mold decay of delicious apples in relation to handling practices. 1946.
- C 759. Coordinated management for harvesting, storing, and marketing Northwest apples. 1947.
- C 765. Ozone in relation to storage of apples. 1948.

**Department Bulletins:**

- \*DB 1416. Marketing barreled apples. 1926. 20¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Department Circulars:**

- \*DC 413. Extent and causes of rejections of boxed apples from the State of Washington, seasons 1922 to 1925. 1927. 5¢. For sale only.

**Technical Bulletins:**

- \*T 245. Arsenical and other fruit injuries of apples resulting from washing operations. 1931. 10¢. For sale only.  
 T 550. Protection of apples and pears in transit from the Pacific Northwest during the winter months. 1937.  
 T 792. Investigations on the cause and control of biennial bearing of apple trees. 1942.  
 T 828. Further studies on the removal of spray residues from Eastern-grown apples. 1942.

**Yearbook Separates:**

- \*YS 1993. The cold storage of apples. 1947. 5¢. For sale only.

**Berries****Farmers' Bulletins:**

- F 887. Raspberry culture. 1917, revised 1948.  
 F 1026. Strawberry culture: South Atlantic and Gulf Coast regions. 1919; slightly revised 1948.  
 F 1027. Strawberry culture: Western United States. 1919; revised 1948.  
 F 1028. Strawberry culture; Eastern United States. 1919; slightly revised 1944.  
 F 1043. Strawberry varieties in the United States. 1919; revised 1948.  
 F 1128. Control of aphids injurious to orchard fruits, currant, gooseberry and grape. 1920; revised 1926.  
 F 1398. Currants and gooseberries: Their culture and relation to white-pine blister rust. 1924; slightly revised 1946.  
 F 1488. Diseases of raspberries and blackberries. 1926; revised 1941.  
 F 1882. Harvesting and handling cultivated cranberries. 1942.  
 F 1891. Diseases of strawberries. 1941; revised 1948.  
 F 1951. Blueberry growing. 1944; slightly revised 1946.  
 F 1995. Growing erect and trailing blackberries. 1948.

**Leaflets:**

- L 175. Eradication of the cultivated black currant in white pine regions. 1939.

**Circulars:**

- C 171. The Bellmar, Southland, and Redheart strawberries. 1931.  
 \*C 259. The Potomac raspberry. 1933. 5¢. For sale only.  
 \*C 517. The Northstar strawberry. 1938. 5¢. For sale only.  
 \*C 589. The Atlantic, Pemberton, and Burlington blueberries. 1940. 5¢. For sale only.  
 \*C 613. Studies on the respiration of strawberry and raspberry fruits. 1941. 5¢. For sale only.  
 \*C 669. Winter storage of strawberry plants. 1943. 5¢. For sale only.  
 \*C 681. Spring dwarf and summer dwarf of strawberries. 1943. 5¢. For sale only.  
 \*C 694. The Midland and Fairpeake strawberries. 1944. 5¢. For sale only.  
 \*C 723. Control of cranberry fruit rots by spraying. 1945. 5¢. For sale only.

**Yearbook Separates:**

- \*YS 1923. Finer strawberries ahead. 1947. 5¢. For sale only.  
 YS 1924. New varieties of blueberry. 1947.

**Citrus****Farmers' Bulletins:**

- F 1876. Irrigation problems in citrus orchards. 1941.

**Circulars:**

- \*C 396. A method of harvesting grapefruit to retard stem-end rot. 1936. 5¢. For sale only.

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**Circulars—Continued.**

- \*C 671. Sampling technique for determining populations of the citrus red mite and its predators. 1943. 5¢. For sale only.  
 \*C 708. The citrus thrips, measures for its control, and their effect on other citrus pests. 1944. 5¢. For sale only.

**Miscellaneous Publications:**

- M 498. Market diseases of fruits and vegetables: Citrus and other subtropical fruits. 1943.

**Technical Bulletins:**

- T 488. Reducing decay in citrus fruits with borax. 1935.  
 T 753. Seasonal changes in Florida oranges. 1940.  
 T 786. The anatomy of the seedling and roots of the Valencia orange. 1942.  
 T 857. Stage icing in the refrigeration of oranges in transit from California. 1943.  
 T 908. Changes in lemons during storage as affected by air circulation and ventilation. 1946.

**Dates****Circulars:**

- \*C 553. Handling and storing small lots of dates at home. 1940. 5¢. For sale only.

**Miscellaneous Publications:**

- M 433. Eradication of the *Parlatoria* date scale in the United States. 1941.

**Technical Bulletins:**

- \*T 404. The external anatomy of the red date scale, *Phoenicococcus marlatti* Cockerell, and its allies. 1934. 15¢. For sale only.  
 \*T 421. The external anatomy of the *Parlatoria* date scale, *Parlatoria blanchardi* Targioni Tozzetti, with studies of the head skeleton and associated parts. 1934. 10¢. For sale only.  
 T 910. Compositional changes in the date fruit during growth and ripening. 1946.

**Grapes****Farmers' Bulletins:**

- F 1128. Control of aphids injurious to orchard fruits, currant, gooseberry, and grape. 1920; revised 1926.  
 \*F 1454. Home utilization of muscadine grapes. 1925; slightly revised 1942. 5¢. For sale only.  
 F 1785. Muscadine grapes. 1938; revised 1947.  
 \*F 1893. Control of grape diseases and insects in eastern United States. 1942. 10¢. For sale only.  
 F 1936. Grapes for different regions. 1943.  
 F 1970. Conserving soil and moisture in orchards and vineyards. 1945.

**Leaflets:**

- L 173. The bud-graft method of propagating vinifera grape varieties on rootstocks. 1939.

**Circulars:**

- C 574. Studies on the raising of Alexandria (Muscat) grapes in transit. 1940.  
 C 769. New muscadine grapes. 1948.

**Technical Bulletins:**

- \*T 697. Testing vinifera grape varieties grafted on phylloxera-resistant rootstocks in California. 1939. 10¢. For sale only.  
 \*T 899. Precooling California grapes and their refrigeration in transit. 1945. 15¢. For sale only.

**Peaches****Farmers' Bulletins:**

- F 1246. The peach borer: How to prevent or lessen its ravages; the paradichlorobenzene treatment. 1921; slightly revised 1943.  
 F 1527. Peach brown rot and scab. 1927; revised 1936.

**Farmers' Bulletins—Continued.**

- \*F 1702. Preparing peaches for market. 1933. 5¢. For sale only.  
 F 1861. Insect pests of the peach. 1941.

**Circulars:**

- \*C 427. Peach mosaic: Its identification and control. 1937. 15¢. For sale only.  
 C 766. The Dixired, Dixigem and Southland peaches. 1948.

**Technical Bulletins:**

- T 680. Effect of storage temperatures on peaches. 1939.  
 \*T 852. Experiments with oils and lime-sulfur for the control of the San Jose scale on peach trees in the South. 1943. 5¢. For sale only.  
 T 922. Effect of chloride and sulfate salts on the growth and development of the Elberta peach on Shalil and Lovell rootstocks. 1946.

**Yearbook Separates:**

- \*YS 1925. Better peaches are coming. 1947. 5¢. For sale only.

**Pears****Farmers' Bulletins:**

- F 1739. Pear growing in the Pacific Coast States. 1935; revised 1940.  
 \*F 1796. Handling and preparing the Kieffer pear for use as food. 1938; slightly revised 1946. 5¢. For sale only.

**Leaflets:**

- L 187. Blight of apples, pears, and quinces. 1939.

**Circulars:**

- C 740. Cold storage for apples and pears. 1946.

**Technical Bulletins:**

- T 550. Protection of apples and pears in transit from the Pacific Northwest during the winter months. 1937.  
 \*T 592. Factors affecting the rate of drying of Kieffer pears. 1937. 5¢. For sale only.  
 T 759. Physiological investigations on fall and winter pears in the Pacific Northwest. 1941.

**Miscellaneous****Farmers' Bulletins:**

- \*F 685. The native persimmon. 1915; revised 1942. 5¢. For sale only.  
 F 776. Growing cherries east of the Rocky Mountains. 1916; revised 1948.  
 F 1249. Olive growing in the southwestern United States. 1922; slightly revised 1942.  
 F 1372. Plum and prune growing in the Pacific States. 1924; slightly revised 1943.  
 \*F 1499. The melon aphid and its control. 1926. 5¢. For sale only.

**Leaflets:**

- L 158. Quince growing. 1938.  
 L 179. The native papaw. 1939.  
 L 187. Blight of apples, pears and quinces. 1939.  
 L 194. The oriental persimmon. 1940; slightly revised 1940.

**Circulars:**

- \*C 620. Avocado production in the United States. 1941. 10¢. For sale only.  
 \*C 631. Protein-digesting enzymes of papaya and pineapple. 1941. 5¢. For sale only.

**Technical Bulletins:**

- T 730. Market quality and condition of California cantaloups as influenced by maturity, handling, and precooling. 1940.  
 \*T 746. Quality of irrigation waters of the Hollister area of California with special reference to boron content and its effect on apricots and prunes. 1941. 30¢. For sale only.

**MUSHROOMS****Farmers' Bulletins:**

- F 1875. Mushroom growing in the United States. 1941.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Circulars:**

- \*C 143. Some common mushrooms and how to know them. 1931; slightly revised 1946. 20¢. For sale only.  
 \*C 457. Mushroom pests and their control. 1938; revised 1941. 10¢. For sale only.

**Technical Bulletins:**

- T 879. The mushroom mite (*Tyrophagus linteri* (Osborn)) as a pest of cultivated mushrooms. 1944.

**NUTS****Farmers' Bulletins:**

- F 1501. Nut-tree propagation. 1926.  
 F 1656. Peanut growing. 1931; revised 1943.  
 F 1829. Insects and diseases of the pecan and their control. 1940.

**Leaflets:**

- L 84. Planting black walnut. 1932.  
 \*L 202. Grafting-wax melter. 1940. 5¢. For sale only.

**Separates from Agricultural Statistics:**

- SA 53. Statistics of fruits, vegetables, melons and tree nuts, 1941.  
 SA 76. Statistics of fruits, vegetables, melons and tree nuts, 1943.  
 SA 98. Statistics of fruits, vegetables, melons and tree nuts, 1945.

**Technical Bulletins:**

- T 770. Investigations on the storage of nuts. 1941.

**Yearbook Separates:**

- YS 1808. Climatic adaptation of fruit and nut crops. 1941.

**SHADE TREES AND ORNAMENTAL PLANTS****Farmers' Bulletins:**

- F 750. Roses for the home. 1916; revised 1932.  
 F 1171. Growing annual flowering plants. 1921; slightly revised 1939.  
 F 1318. Greenhouse construction and heating. 1923; slightly revised 1937.  
 F 1381. Herbaceous perennials. 1924; revised 1929.  
 F 1567. Propagation of trees and shrubs. 1929; slightly revised 1945.  
 \*F 1677. Planting and care of lawns. 1931; slightly revised 1935. 10¢. For sale only.  
 \*F 1826. Care of ornamental trees and shrubs. 1939. 10¢. For sale only.  
 \*F 1849. Useful and ornamental gourds. 1940. 5¢. For sale only.  
 F 1855. Culture, diseases, and pests of the box tree. 1940; slightly revised 1947.  
 F 1872. House plants. 1941.  
 F 1890. Control of insects and mites attacking narcissus bulbs. 1941.  
 \*F 1895. Land slugs and snails and their control. 1942. 5¢. For sale only.  
 F 1896. Care of damaged shade trees. 1942.  
 F 1898. Hedge plants for the northern Great Plains. 1942.  
 F 1967. Reducing damage to trees from construction work. 1945.  
 F 1987. Common diseases of important shade trees. 1948.

**Leaflets:**

- \*L 90. Rockeries. 1932. 5¢. For sale only.  
 L 183. Cankerworms. 1939.  
 L 184. The elm leaf beetle. 1939.  
 L 185. Elm bark beetles. 1939.  
 L 197. Powdery mildew of ornamental plants. 1940.  
 L 199. Gardenia culture. 1940.  
 L 206. Culture of orchids. 1941.

**Circulars:**

- C 246. Life history and control of the Asiatic garden beetle. 1932; revised 1936.  
 \*C 313. The oriental flowering cherries. 1934; slightly revised 1938. 10¢. For sale only.  
 C 403. Preventing injury from Japanese and Asiatic beetle larvae to turf in parks and other large areas. 1936; slightly revised 1938.

## Circulars—Continued.

- \*C 429. The rhododendron whitefly and its control. 1937. 5¢. For sale only.
- \*C 535. A vascular wilt of the mimosa tree (*Albizia julibrissin*). 1939. 5¢. For sale only.
- \*C 572. Life history and control of the imported willow leaf beetle. 1940. 5¢. For sale only.
- C 594. The use of traps against the Japanese beetle. 1940.
- \*C 610. Absorption of mercuric chloride from solution by gladiolus corms. 1941. 5¢. For sale only.
- C 640. Phloem necrosis, a virus disease of the American elm. 1942.
- C 647. Toxic and repellent sprays for the control of elm bark beetles. 1942.
- C 677. Dutch elm disease and its control. 1943.
- \*C 746. The lily weevil, a potentially serious pest in the Pacific Northwest. 1946. 10¢. For sale only.

## Miscellaneous Publications:

- M 477. The central American species of *Quercus*. 1942.
- \*M 626. Handbook on insect enemies of flowers and shrubs. 1948. 35¢. For sale only.

## Picture Sheets:

- No. 4. The Japanese beetle. 5¾ by 9¼ inches. Colored. 1939; revised 1948.
- No. 6. Gladiolus thrips. 5¾ by 9¼ inches. Colored. 1941.

## Technical Bulletins:

- \*T 274. Hot water as an insecticide for the Japanese beetle in soil and its effect on the roots of nursery plants. 1932. 15¢. For sale only.
- \*T 325. Biology and control of the black vine weevil. 1932. 5¢. For sale only.
- T 775. The yellow chapote, a native host of the Mexican fruitfly. 1941.
- T 785. Fungi causing decay of living oaks in the eastern United States and their cultural identification. 1942.
- \*T 798. Relationship of insects to the spread of azalea flower spot. 1942. 10¢. For sale only.
- T 911. Relation of soil reaction to toxicity and persistence of some herbicides in greenhouse plots. 1946.

## Yearbook Separates:

- \*YS 1069. Flowers may disappoint unless effort is made to check fungus disease. 1928. 5¢. For sale only.
- \*YS 1919. Short-cuts for the gardener. 1947. 5¢. For sale only.
- YS 1920. Day length and flowering. 1947.
- \*YS 1921. Flowers as you like them. 1947. 5¢. For sale only.
- YS. Pointers on making good lawns. 1948.

## OIL CROPS, OILS, AND FATS

## Farmers' Bulletins:

- F 1249. Olive growing in the southwestern United States. 1922; slightly revised 1942.
- \*F 1520. Soybeans: Culture and varieties. 1927; revised 1939. 10¢. For sale only.
- \*F 1617. Soybean utilization. 1930; revised 1932. 5¢. For sale only.
- F 1656. Peanut culture. 1931; revised 1943.
- F 1747. Flaxseed production in the North Central States. 1935; revised 1942.
- \*F 1793. Flaxseed production in the far Western States. 1937. 5¢. For sale only.
- F 1988. Mint farming. 1948.

## Leaflets:

- L 204. Fats and oils for cooking and table use. 1940.

## Miscellaneous Publications:

- \*M 441. Cottonseed: Official grading and market news. 1941. 5¢. For sale only.

## Separates from Agricultural Statistics:

- SA 75. Statistics of oilseeds, fats, and oils, 1943.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## Separates from Agricultural Statistics—Continued.

SA 86. Statistics of oilseeds, fats, and oils, 1944.

SA 97. Statistics of oilseeds, fats, and oils, 1945.

## Statistical Bulletins:

SB 59. Fats, oils, and oleaginous raw materials—Production, prices, trade, disappearance in the United States, 1912–35, and available data for earlier years. 1937.

## Technical Bulletins:

T 16. Methods of extracting volatile oils from plant material and the production of such oils in the United States. 1928.

T 748. Rapid determination of soybean oil content and of iodine number of soybean oil. 1940.

T 821. Nutritive properties of lard and other shortening. 1942.

T 903. Effect of variety, location and season on oil, protein, and fuzz of cottonseed and on fiber properties of lint. 1945.

T 938. Flaxseed in American farming. 1947.

\*T 940. Oil crops in American farming. 1947. 15¢. For sale only.

## Yearbook Separates:

\*YS 1989. Equipment for oil crops. 1947. 5¢. For sale only.

## RUBBER PLANTS

## Bibliographical Bulletins:

B 2. A summary of the literature on milkweeds (*Asclepias* spp.) and their utilization. 1943.

## Circulars:

C 686. Fungicidal control of South American leaf blight of *Hevea* rubber-trees. 1943.

C 749. Diseases of cultivated guayule and their control. 1946.

## Miscellaneous Publications:

\*M 618. Russian dandelion (*kok-saghyz*), an emergency source of natural rubber. 1947. 55¢. For sale only.

## Technical Bulletins:

\*T 457. The rubber content of two species of *Cryptostegia* and of an inter-specific hybrid in Florida. 1934. 10¢. For sale only.\*T 604. Rubber content and habits of a second desert milkweed (*Asclepias erosa*) of southern California and Arizona. 1938. 5¢. For sale only.T 842. Contribution to the morphology and anatomy of guayule (*Parthenium argentatum*). 1943.\*T 843. Contribution to the morphology and anatomy of the Russian dandelion (*Taraxacum kok-saghyz*). 1943. 10¢. For sale only.T 882. South American leaf blight of *hevea* rubber-trees. 1945.T 885. Growth studies on guayule (*Parthenium argentatum*). 1945.T 915. Contribution to the morphology and anatomy of *Cryptostegia* (*Cryptostegia grandiflora*). 1946.

T 918. Polyploidy and aneuploidy in guayule. 1946.

T 919. Variability of certain seed, seedling, and young plant characters of guayule. 1946.

T 920. Rapid photometric methods for determining rubber and resins in guayule tissue and rubber in crude-rubber products. 1946.

T 921. Studies on the germination of guayule seed. 1946.

T 923. Root development and ecological relations of guayule. 1946.

T 924. Studies on handling and transplanting guayule nursery stock. 1947.

T 925. Growth and rubber accumulation in guayule as conditioned by soil salinity and irrigation regime. 1946.

## Unnumbered:

The cultivation of guayule. (Reprint from *India Rubber World*, Vol. 105, Nos. 1 and 2). 1943.

## SEEDS AND SEEDLINGS

NOTE: The United States Department of Agriculture has no seeds for sale or for free distribution.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins:**

- F 948. The rag-doll seed tester: Its use in determining what ears of corn are fit for seed. 1918.
- \*F 1253. Seed peas for the canner. 1922; revised 1937. 5¢ For sale only.
- \*F 1390. Vegetable seeds for the home and market garden. 1924; slightly revised 1942. 5¢. For sale only.
- \*F 1605. Soybean hay and seed production. 1929. 5¢. For sale only.
- F 1629. Steam sterilization of soil for tobacco and other crops. 1930; slightly revised 1937.
- F 1747. Flaxseed production in the North Central States. 1935; revised 1942.
- \*F 1793. Flaxseed production in the far Western States. 1937. 5¢. For sale only.
- F 1822. Seed corn. 1939.
- F 1985. Seed for regrassing Great Plains areas. 1947.

**Leaflets:**

- L 93. Red-clover seed production in the Intermountain States. 1932.
- L 107. The barrel seed scarifier. 1934.
- L 115. Timothy seed production. 1936.
- L 155. Growing nursery stock of southern pines. 1938.
- L 156. Harvesting and selling seed of southern pines. 1938.
- \*L 181. Drying seed cotton. 1939. 5¢. For sale only.
- L 198. Cottonseed treatment. 1940.
- L 217. Cotton ginning for pure seed preservation. 1942; slightly revised 1943.
- L 220. Storage of vegetable seeds. 1942.
- \*L 243. Sphagnum moss for seed germination. 1944. 5¢. For sale only.

**Agricultural War Information Series:**

- W 43. Grass seed production. 1943.
- W 88. Good seed potatoes give best results. 1944.

**Circulars:**

- \*C 361. Removing smut balls from seed wheat. 1935. 5¢. For sale only.
- \*C 453. Sulphuric acid treatment to increase germination of black locust seed. 1937. 10¢. For sale only.
- C 555. Fumigation of vetch seed for the vetch bruchid. 1940.
- C 558. Processing seed of grasses and other plants to remove awns and appendages. 1940.
- C 562. Maintaining identity and pure seed of southern oat varieties. 1940.
- C 621. A practical seed-cotton moisture tester for use at gins. 1941.
- C 630. Improved Bates laboratory aspirator. 1942.
- \*C 646. Pure-seed production of Egyptian-type cotton. 1942. 5¢. For sale only.
- \*C 651. Effects of artificially drying seed cotton on certain quality elements of cottonseed in storage. 1942. 5¢. For sale only.
- C 703. Method of testing legume bacteria cultures and results of tests of commercial inoculants in 1943. 1944.
- \*C 724. Results of tests of commercial legume inoculants in 1944. 1945. 5¢. For sale only.
- C 753. Relation of temperature and seed moisture to the viability of stored soybean seed. 1946.
- \*C 768. Cottonseed handling with small air pipes. 1948. 5¢. For sale only.

**Miscellaneous Publications:**

- \*M 219. Treat seed grain. 1934; revised 1944. 5¢. For sale only.
- M 239. The vertical drier for seed cotton. 1936; revised 1941.
- \*M 314. Overhead cleaner-drying systems for seed cotton. 1938. 5¢. For sale only.
- \*M 441. Cottonseed: Official grading and market news. 1941. 5¢. For sale only.
- M 485. Seedtime and harvest today. 1942.
- M 643. Distinguishing the species of *Brassica* by their seed. 1948.

**Separates from Agricultural Statistics:**

- SA 75. Statistics of oilseeds, fats, and oils, 1943.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Separates from Agricultural Statistics—Continued.**

- SA 77. Statistics of hay, seeds, and minor field crops, 1943.  
 SA 97. Statistics of oilseeds, fats, and oils, 1945.  
 SA 99. Statistics of hay, seeds, and minor field crops, 1945.

**Technical Bulletins:**

- \*T 568. Seed treatment experiments with oats naturally and artificially inoculated with smuts. 1937. 5¢. For sale only.  
 \*T 638. Temperature and other factors affecting the germination of fescue seed. 1939. 10¢. For sale only.  
 T 663. Effect of cleaning seed cotton on lint quality and ginning efficiency. 1939.  
 \*T 670. Relation of temperature and moisture content to longevity of chewings fescue seed. 1939. 10¢. For sale only.  
 T 708. A study of rapid deterioration of vegetable seeds and methods for its prevention. 1940.  
 \*T 734. Anatomical structure of the cottonseed coat as related to the problems of germination. 1940. 5¢. For sale only.  
 \*T 787. Influence of varieties, element and fertility level on the chemical composition of soybean seed. 1942. 15¢. For sale only.  
 T 845. Sugar-beet seed production in southern Utah, with special reference to factors affecting yield and reproductive development. 1943.  
 \*T 849. Chemical seed treatments for the control of certain diseases of sorghum. 1943. 10¢. For sale only.  
 T 903. Effect of variety, location, and season on oil, protein, and fuzz of cottonseed and on fiber properties of lint. 1945.  
 T 919. Variability of certain seed, seedling, and young plant characters of guayule. 1946.  
 T 921. Studies on the germination of guayule seed. 1946.  
 T 924. Studies on handling and transplanting guayule nursery stock. 1947.  
 T 938. Flaxseed in American farming. 1947.

**SUGAR CROPS****Farmers' Bulletins:**

- F 1366. Production of maple sirup and sugar. 1924; slightly revised 1937.  
 F 1619. Sorgo for sirup production: Culture, harvesting, and handling. 1930; slightly revised 1942.  
 F 1637. Sugar-beet culture in the humid area of the United States. 1930; revised 1939.  
 F 1718. Important sugar-beet byproducts and their utilization. 1934.  
 F 1791. Farm production of sorgo sirup. 1938.  
 F 1867. Sugar-beet culture under irrigation in the northern Great Plains. 1941.  
 \*F 1874. Farm production of sugarcane sirup. 1941. 10¢. For sale only.  
 F 1884. The sugarcane borer. 1941.  
 F 1886. The beet leafhopper. 1941.  
 F 1903. Sugar-beet culture in the Intermountain area with curly top resistant varieties. 1942.  
 \*F 1933. Sugar-beet blocking by machinery. 1943. 5¢. For sale only.

**Circulars:**

- \*C 284. Sugarcane for sirup production. 1933; revised 1940. 10¢. For sale only.  
 \*C 304. Windrowing qualities of Co. 281 and other varieties of sugarcane under Louisiana conditions. 1933. 5¢. For sale only.  
 C 316. Agronomic evaluation tests on mechanical blocking and cross cultivation of sugar beets. 1934.  
 \*C 324. Studies on handling sugarcanes frozen early in March in advanced stages of development. 1934. 5¢. For sale only.  
 \*C 476. Evaluation of sugar beet types in certain sugar-beet-growing districts in the United States. 1938. 5¢. For sale only.  
 C 513. Curly-top-resistant sugar-beet varieties in 1938. 1939.  
 \*C 518. Breeding areas and economic distribution of the beet leafhopper in New Mexico, southern Colorado, and western Texas. 1939. 5¢. For sale only.



## Circulars—Continued.

- C 593. Apparatus and technique for the study of the egg parasite of the beet leafhopper. 1941.  
 C 739. Natural replacement of weed hosts of the beet leafhopper as affected by rodents. 1946.  
 C 779. Effect of crop rotation and manure on the yield and quality of sugar beets, United States Scotts Bluff (Nebr.) Field Station, 1930-41. 1948.

## Separates from Agricultural Statistics:

- SA 52. Statistics of cotton, sugar, and tobacco, 1941.  
 SA 74. Statistics of cotton, sugar, and tobacco, 1943.  
 \*SA 85. Statistics of cotton, sugar, and tobacco, 1944. 10¢. For sale only.  
 SA 96. Statistics of cotton, sugar, and tobacco, 1945.

## Technical Bulletins:

- T 557. Types of vegetation in the San Joaquin Valley of California and their relation to the beet leafhopper. 1937.  
 \*T 607. Occurrence of the beet leafhopper and associated insects on secondary plant successions in southern Idaho. 1938. 10¢. For sale only.  
 \*T 624. Studies on the epidemiology of curly top in southern Idaho, with special reference to sugar beets and weed hosts of the vector *Eutettix tenellus*. 1938. 10¢. For sale only.  
 \*T 641. Red rot of sugarcane. 1938. 15¢. For sale only.  
 \*T 666. Pythium root rot of sugarcane. 1938. 15¢. For sale only.  
 T 736. Windrowing and storing of sugarcane in Louisiana following injury by freezing temperatures. 1940.  
 \*T 743. Experiments with *Trichogramma minutum* Riley as a control of the sugarcane borer. 1941. 10¢. For sale only.  
 \*T 744. Life history of the sugar-beet wireworm in southern California. 1941. 15¢. For sale only.  
 \*T 754. Chemical composition of sugarcane juice as affected by fertilizers. 1941. 10¢. For sale only.  
 \*T 811. A comparative analysis of the vegetative characteristics of some variants of *Saccharum spontaneum*. 1942. 10¢. for sale only.  
 T 845. Sugar-beet seed production in southern Utah, with special reference to factors affecting yield and reproductive development. 1943.  
 \*T 848. The ecology of the principal summer weed hosts of the beet leafhoppers in the San Joaquin Valley, California. 1943. 10¢. For sale only.  
 T 855. The beet leafhopper and its control on beets grown for seed in Arizona and New Mexico. 1943.  
 T 897. Factors affecting curly top damage to sugar beets in Southern Idaho. 1945.  
 T 898. Susceptibility of certain strains of field corn in hybrid combinations to damage by corn earworms. 1945.  
 T 939. Inversion of sucrose and other physiological changes in harvested sugarcane in Louisiana. 1948.  
 T 951. Vegetable characteristics of some wild forms of saccharum and related grasses. 1948.  
 T 955. Mosaic of sugarcane in the United States, with special reference to strains of the virus. 1948.  
 T 957. Anatomy and morphology of the vegetative organs of *Sorghum vulgare*. 1948.

## Yearbook Separates:

- \*YS 1577. Improvement of the sugar beet. 1936. 5¢. For sale only.  
 YS 1809. Climatic relations of sugarcane and sugar beet. 1941.  
 YS 1930. Progress with sugar sorgo. 1947.  
 YS 1931. New kinds of sugarcane. 1947.  
 YS 1932. Saving our sugar beets. 1947.  
 \*YS 1990. New sugar-beet machinery. 1947. 5¢. For sale only.  
 YS 1991. Sugarcane culture. 1947.

## TOBACCO

## Farmers' Bulletins:

- F 523. Tobacco curing. 1913; revised 1947.



**Farmers' Bulletins—Continued.**

- \*F 571. Tobacco culture. 1914; revised 1936. 5¢. For sale only.  
 F 1629. Steam sterilization of soil for tobacco and other crops. 1930;  
     slightly revised 1937.  
 F 1952. Control of flue-cured tobacco root diseases by crop rotation. 1944.

**Leaflets:**

- L 237. Control of mole crickets by use of poisoned baits. 1943.

**Agricultural Information Series:**

- IS 31. Chemicals to kill weeds and diseases in tobacco beds. 1945; slightly  
     revised 1946.  
 IS 37. Blue mold control in tobacco beds. 1945; slightly revised 1947.

**Circulars:**

- C 249. American tobacco types, uses and markets. 1933; revised 1942.  
 C 519. The tobacco industry in Puerto Rico. 1939.  
 C 635. Control of insects attacking stored tobacco and tobacco products.  
     1942.  
 \*C 639. Insect pests of cigar-type tobaccos in the Southern Districts. 1942.  
     15¢. For sale only.  
 \*C 692. Control of bacterial wilt (*Bacterium solanacearum*) of tobacco as  
     influenced by crop rotation and chemical treatment of the soil.  
     1944. 10¢. For sale only.  
 C 727. Flue-cured tobacco resistant to bacterial (Granville) wilt. 1945.

**Commodity Statistics:**

- CS 6. Annual report on tobacco statistics, 1943. 1943.  
 CS 12. Annual report on tobacco statistics, 1944. 1944.  
 CS 25. Annual report on tobacco statistics, 1947. 1947.  
 CS 30. Tobaccos of the United States: Acreage, yield per acre, production  
     price, and value by states, 1866–1945 and by types and classes,  
     1919–1945. 1948.

**Miscellaneous Publications:**

- \*M 474. The cotton and tobacco South. 1941. 10¢. For sale only.

**Separates from Agricultural Statistics:**

- SA 52. Statistics of cotton, sugar, and tobacco, 1941.  
 SA 74. Statistics of cotton, sugar, and tobacco, 1943.  
 \*SA 85. Statistics of cotton, sugar, and tobacco, 1944. 10¢. For sale only.  
 SA 96. Statistics of cotton, sugar, and tobacco, 1945.

**Statistical Bulletins:**

- SB 58. First annual report on tobacco statistics (with basic data). 1937.  
 SB 67. Annual report on tobacco statistics, 1938. 1938.

**Technical Bulletins:**

- T 799. Gas treatment for the control of blue mold disease of tobacco. 1942.  
 \*T 820. Growing tobacco as a source of nicotine. 1942. 10¢. For sale only.  
 T 896. Biology of the tobacco hornworm in the southern cigar-tobacco  
     district. 1945.  
 T 913. Marketing and manufacturing margins for tobacco. 1946.  
 T 933. Role of potash in growth and nutrition of Maryland tobacco. 1947.

**Yearbook Separates:**

- YS 1933. New kinds of tobacco. 1947.

**Unnumbered:**

- Annual report on tobacco statistics, 1942.

**VEGETABLES****CITY AND SUBURBAN GARDENING****Farmers' Bulletins:**

- F 1743. Hotbeds and coldframes. 1935; slightly revised 1941.

**Leaflets:**

- \*L 203. Disease-resistant varieties of vegetables for the home garden. 1940;  
     revised 1943. 5¢. For sale only.

**Miscellaneous Publications:**

- M 538. Growing vegetables in town and city. 1944; slightly revised 1945.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Miscellaneous Publications—Continued.

M 605. A vegetable gardener's handbook on insects and diseases. 1946.

## FARM AND MARKET GARDENING

## General

## Farmers' Bulletins:

- F 1318. Greenhouse construction and heating. 1923; slightly revised 1937.
- \*F 1390. Vegetable seeds for the home and market garden. 1924; slightly revised 1942. 5¢. For sale only.
- F 1673. The farm garden. 1931; revised 1942.
- F 1743. Hotbeds and coldframes. 1935; slightly revised 1941.
- F 1821. Containers for fruits and vegetables. 1939.

## Leaflets:

- L 124. Sash greenhouses. 1937; slightly revised 1946.
- L 220. Storage of vegetable seeds. 1942.

## Circulars:

- C 713. Freezing injury of fruits and vegetables. 1944.

## Miscellaneous Publications:

- M 167. A fruit and vegetable buying guide for consumers. 1933; revised 1948.
- \*M 578. Breeding better vegetables for the South at the U. S. Regional Vegetable Breeding Laboratory. 1945. 10¢. For sale only.
- M 598. Questions and answers on government inspection of processed fruits and vegetables. 1946.
- M 604. Standardization and inspection of fresh fruits and vegetables. 1946.

## Separates from Agricultural Statistics:

- SA 53. Statistics of fruits, vegetables, melons, and tree nuts. 1941.
- SA 76. Statistics of fruits, vegetables, melons, and tree nuts. 1943.
- SA 98. Statistics of fruits, vegetables, melons, and tree nuts. 1945.

## Technical Bulletins:

- T 272. The marketing and distribution of fruits and vegetables by motor-truck. 1931.
- T 445. Market distribution of car-lot shipments of fruits and vegetables in the United States. 1934.
- T 708. A study of rapid deterioration of vegetable seeds and methods for its prevention. 1940.
- \*T 771. Calorimetric measurements of the heat of respiration of fruits and vegetables. 1941. 5¢. For sale only.

## Yearbook Separates:

- YS 1807. Climate and vegetable crops. 1941.
- \*YS 1919. Short cuts for the gardener. 1947. 5¢. For sale only.
- \*YS 1975. Uses of vegetable wastes. 1947. 5¢. For sale only.

## General Insects and Diseases

## Farmers' Bulletins:

- \*F 1866. Wireworms and their control in irrigated lands. 1941. 10¢. For sale only.
- \*F 1895. Land slugs and snails and their control. 1942. 5¢. For sale only.
- F 1928. Mormon crickets and their control. 1943.

## Leaflets:

- L 2. Cutworms in the garden. 1927; slightly revised 1943.
- L 212. The sand wireworm. 1941.
- L 237. Control of mole crickets by use of poisoned baits. 1943.

## Circulars:

- C 246. Life history and control of the Asiatic garden beetle. 1932; revised 1936.
- C 494. The Texas leaf-cutting ant and its control. 1938.
- C 530. The vegetable weevil. 1939.
- C 713. Freezing injury of fruits and vegetables. 1944.

## Miscellaneous Publications:

- M 526. Insecticides and equipment for controlling insects on fruits and

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications—Continued.**

vegetables. 1943; slightly revised 1945.

M 605. A vegetable gardener's handbook on insects and diseases. 1946.

**Picture Sheets:**

No. 12. Fall armyworm. 1941. 5¾ by 9¼ inches. Colored.

**Farmers' Bulletins:****Beans and Peas**

- \*F 1253. Seed peas for the canner. 1922; revised 1937. 5¢. For sale only.
- \*F 1275. Weevils in beans and peas. 1922; slightly revised 1940. 10¢. For sale only.
- F 1624. The Mexican bean beetle in the East, and its control. 1930; revised 1948.
- F 1656. Peanut growing. 1931; revised 1943.
- \*F 1692. Bean diseases and their control. 1932; slightly revised 1944. 10¢. For sale only.
- F 1735. Pea diseases and their control. 1934; revised 1945.
- F 1915. Snap beans for marketing, canning and freezing. 1942.
- F 1920. Growing peas for canning and freezing. 1942.
- F 1945. The pea aphid on peas and methods for its control. 1943.
- \*F 1971. The pea weevil and methods for its control. 1946. 10¢. For sale only.
- F 1996. Growing dry beans in the Western States. 1947.

**Leaflets:**

- L 174. Bean bacterial wilt. 1939.
- L 223. Growing field beans in humid areas. 1942.

**Agricultural Information Series:**

- IS 61. Saving beans from mosaic. 1947.
- IS 62. Saving beans from bacterial blight. 1947.
- IS 70. Saving beans from watery soft rot. 1948.

**Agricultural War Information Series:**

- W 99. Twelve points in grading dry edible beans. 1944.

**Circulars:**

- C 473. Variety studies in relation to fusarium wilt of peas. 1938.
- C 500. U. S. No. 5 Refugee, a new mosaic-resistant Refugee bean. 1938.
- C 648. Hardiness and productiveness of the U. S. No. 5 Refugee snap bean in the southern United States. 1942.
- \*C 675. Control of the Mexican bean beetle in irrigated districts in the West. 1944. 5¢. For sale only.

**Miscellaneous Publications:**

- \*M 170. Descriptions of types of principal American varieties of garden peas. 1934. \$1.00. For sale only.
- M 440. Market diseases of fruits and vegetables: Asparagus, onion, beans, peas, carrots, celery and related vegetables. 1941.

**Technical Bulletins:**

- \*T 647. Field studies of certain diseases of snap beans in the Southeast. 1938. 5¢. For sale only.
- T 810. The factorial interpretation of anthracnose resistance in beans. 1942.
- T 867. Responses of beans (*Phaseolus*) and other legumes to length of day. 1944.
- \*T 868. A monographic study of bean diseases and methods for their control. 1944. 25¢. For sale only.
- T 934. Marketing margins and costs for grains, grain products and dry edible beans. 1947.

**Yearbook Separates:**

- \*YS 1929. Control of bean diseases. 1947. 5¢. For sale only.

**Posters:**

- \*No. 65. Bean diseases. 7¼ by 12 inches. Colored. 1942. 5¢. For sale only.
  - A. Anthracnose.
  - B. Common bacterial wilt.

**Posters—Continued.**

- C. Halo blight.
- D. Soil rot of lima bean.
- E. Scab of lima bean.
- F. Soil rot.
- G. Russetting.
- \*No. 66. Pea diseases. 7¼ by 12 inches. Colored. 1942. 5¢. For sale only.
  - A. Pod spot.
  - B. Bacterial blight.
  - C, D. Downy mildew.
  - E. Scab.

**Cabbage****Farmers' Bulletins:**

- F 1423. Preparation of cabbage for market. 1924; revised 1948.
- F 1439. Diseases of cabbage and related plants. 1927; revised 1948.
- \*F 1712. The harlequin bug and its control. 1933; slightly revised 1939. 5¢. For sale only.

**Circulars:**

- C 252. Commercial cabbage culture. 1933; revised 1945.
- \*C 615. Studies on the control of cabbage caterpillars with derris in the South. 1942. 10¢. For sale only.
- C 775. Yellows-resistant varieties of cabbage in the early and midseason roundhead groups. 1948.
- C 776. Yellows-resistant cabbage varieties in the Danish Ballhead-Hollander group. 1948.

**Picture Sheets:**

- No. 5. Harlequin bug. 5¾ by 9¼ inches. Colored. 1940.
- No. 9. Imported cabbage worm. 5¾ by 9¼ inches. Colored. 1941.

**Technical Bulletins:**

- T 646. Marketing commercial cabbage. 1938.
- T 782. Field studies of insecticides used to control cabbage caterpillars in the South. 1941.
- T 846. The cabbage looper as a pest of lettuce in the Southwest. 1944.

**Corn****Farmers' Bulletins:**

- F 1634. Growing sweet corn for the cannery. 1930; revised 1945.
- F 1878. Bacterial wilt of corn. 1941.

**Leaflets:**

- L 225. Protecting market sweet corn from the European corn borer. 1942.

**Agricultural War Information Series:**

- W 58. Victory gardeners can prevent earworms from entering their corn. 1943.

**Circulars:**

- C 657. Mineral-oil treatment of sweet corn for earworm control. 1942.

**Picture Sheets:**

- No. 11. Corn earworm. 5¾ by 9¼ inches. Colored. 1941.
- No. 14. European corn borer. 5¾ by 9¼ inches. Colored. 1945; revised 1948.

**Technical Bulletins:**

- \*T 312. Response of sweet corn to varying temperatures from time of planting to canning maturity. 1932. 5¢. For sale only.
- \*T 388. The southwestern corn borer. 1933. 10¢. For sale only.
- \*T 395. Subfreezing temperatures lethal to the European corn borer infesting green ears of sweet corn. 1933. 5¢. For sale only.
- \*T 455. The European corn borer and its controlling factors in the Orient. 1934. 5¢. For sale only.
- \*T 499. The cannibalistic habits of the corn earworm. 1936. 5¢. For sale only.
- \*T 583. Experiments on breeding corn resistant to the European corn borer. 1937. 10¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Technical Bulletins—Continued.**

- T 791. Hibernation of the corn earworm in southeastern Georgia. 1941.  
 T 869. Strains of the European corn borer in the United States. 1944.  
 T 880. Mineral oils, alone or combined with insecticides for the control of earworms in sweet corn. 1944.  
 T 893. Resistance of dent corn inbred lines to survival of first-generation European corn borer larvae. 1945.

**Posters:**

- \*No. 14. Corn diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 A. Diplodia seedling blight.  
 B. Gibberella seedling blight.  
 \*No. 15. Corn diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 A, B. Healthy germinating kernels.  
 C, D, E. Germinating kernels infected with *Cephalosporium*.  
 F, G, H. Germinating kernels infected with *Fusarium*.

**Cucumbers****Farmers' Bulletins:**

- \*F 1438. Making fermented pickles. 1924; revised 1927. 5¢. For sale only.  
 \*F 1563. Cucumber growing. 1928; revised 1942. 10¢. For sale only.

**Picture Sheets:**

- No. 7. Striped cucumber beetle.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.

**Lettuce****Farmers' Bulletins:**

- \*F 1418. Lettuce growing in greenhouses. 1924; revised 1940. 5¢. For sale only.  
 F 1953. Lettuce varieties and culture. 1944.

**Circulars:**

- C 596. The Imperial strains of lettuce. 1941.

**Miscellaneous Publications:**

- M 541. Market diseases of fruits and vegetables: Beets, endive, escarole, globe artichoke, lettuce, rhubarb, spinach, Swiss chard and sweetpotatoes. 1944.

**Technical Bulletins:**

- T 712. Marketing commercial lettuce. 1940.  
 T 829. Effects of partial defoliation at transplanting time on subsequent growth and yield of lettuce, cauliflower, celery, peppers, and onions. 1942.  
 T 846. The cabbage looper as a pest of lettuce in the Southwest. 1944.

**Posters:**

- No. 70. Lettuce diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 A, B. Downy mildew.  
 C, D. Brown blight.  
 No. 71. Lettuce diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 Tipburn.

**Onions****Farmers' Bulletins:**

- F 1060. Onion diseases and their control. 1919; slightly revised 1947.  
 F 1955. Onion-set production. 1944; slightly revised 1946.

**Circulars:**

- \*C 135. Blemishes and discolorations of market onions. 1930. 5¢. For sale only.

**Miscellaneous Publications:**

- M 440. Market diseases of fruits and vegetables: Asparagus, onion, beans, peas, carrots, celery, and related vegetables. 1941.

**Technical Bulletins:**

- T 829. Effects of partial defoliation at transplanting time on subsequent growth and yield of lettuce, cauliflower, celery, peppers, and onions. 1942.

## Technical Bulletins—Continued.

- T 874. Inbreeding and heterosis and their relation to the development of new varieties of onions. 1944.

## Yearbook Separates:

- YS 1927. The story of hybrid onions. 1947.

## Potatoes

## Farmers' Bulletins:

- \*F 1843. Potato production in the Western States. 1940; revised 1945. 15¢.  
For sale only.  
F 1881. Potato diseases and their control. 1941; revised 1948.  
F 1904. Potato production in the Southern States. 1942.  
F 1958. Potato production in the Northeastern and North Central States.  
1944; revised 1948.  
F 1986. Potato storage. 1947.

## Agricultural War Information Series:

- W 18. Protecting potatoes from late blight. 1943.  
W 88. Good seed potatoes give best results. 1944.

## Alaska Agricultural Experiment Station Circulars:

- \*AESC 7. Potato storage in Alaska's Matanuska Valley. 1948. 10¢. For sale only.

## Circulars:

- C 493. The Earlane potato, a new early variety. 1938.  
C 665. The Pawnee potato. 1943.  
C 744. Handling and shipping early potatoes. 1946.  
C 764. Production of disease-free seed potatoes. 1948.

## Miscellaneous Publications:

- M 98. Market diseases of fruits and vegetables: Potatoes. 1930; revised 1948.

## Picture Sheets:

- No. 8. Potato leafhopper. 5¾ by 9¼ inches. Colored. 1941.

## Technical Bulletins:

- T 7. Origin and distribution of the commercial potato crop. 1927; revised 1939.  
T 507. The cooking quality, palatability, and carbohydrate composition of potatoes as influenced by storage temperature. 1936.  
T 914. Methods of making potato silage and tests of its feeding value for dairy cows. 1946.

## Yearbook Separates:

- YS 1928. Breeding healthy potatoes. 1947.  
\*YS 1994. Shell-colored potato storage. 1947. 5¢. For sale only.

## Posters:

- \*No. 7. Potato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.  
A, B. Fusarium stem-end rot.  
C. Jelly end rot.  
D, E. Fusarium wilt.  
\*No. 10. Potato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.  
A, B. Scald, caused by exposure to sun after digging.  
C, D. Leak (*Pythium* species).  
\*No. 11. Potato diseases 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.  
A, B. Wart.  
C, D. Powdery scab.

## Sweetpotatoes

## Farmers' Bulletins:

- F 999. Sweetpotato growing. 1919; slightly revised 1940.  
F 1059. Sweetpotato diseases. 1919; revised 1944.  
\*F 1267. Utilization of the flue-heated tobacco barns for sweetpotato storage. 1922; slightly revised 1943. 5¢. For sale only.  
F 1442. Storage of sweetpotatoes. 1925; revised 1948.

## Leaflets:

- L 121. The sweetpotato weevil and how to control it. 1937; revised 1940.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Agricultural Information Series:**

IS 55. Preventing black rot losses in sweetpotatoes. 1946.

**Circulars:**

- \*C 499. A comparative study of suitability for drying purposes in forty varieties of the sweetpotato. 1938. 10¢. For sale only.
- \*C 502. Sweetpotato propagation and transplanting studies. 1938. 5¢. For sale only.
- C 653. Cooperative tests of sweetpotato varieties, introductions, and seedlings for starch production and market purposes. 1942.
- C 699. Curing and storage methods in relation to quality of Porto Rico sweetpotatoes. 1944.
- \*C 725. Regional studies of time of planting and hill spacing of sweetpotatoes. 1945. 10¢. For sale only.
- C 729. Chilling injury of cured and noncured Porto Rico sweetpotatoes. 1945.
- C 787. Cooperative studies of sweetpotato-plant production. 1948.

**Yearbook Separates:**

YS 1984. Machines for sweetpotatoes. 1947.

**Posters:**

- No. 73. Sweetpotato diseases. 7¼ by 12 inches. Colored. 1944.
- Black rot, various stages of decay.

**Tomatoes****Farmers' Bulletins:**

- F 1291. Preparation of fresh tomatoes for market. 1922; revised 1948.
- \*F 1431. Greenhouse tomatoes. 1924; revised 1939. 5¢. For sale only.
- F 1901. Production of tomatoes for canning and manufacturing. 1942.
- F 1934. Tomato diseases. 1943; revised 1948.

**Agricultural Information Series:**

IS 63. Late blight of tomatoes. 1947.

**Circulars:**

- C 371. Development of phoma rot of tomatoes in transit and in storage. 1935.
- \*C 388. The Glovel tomato. 1936. 5¢. For sale only.
- \*C 533. Results of tomato variety tests in the Great Plains region. 1939. 5¢. For sale only.
- C 566. The ripening and repacking of mature-green tomatoes. 1940.
- C 611. The Pan America tomato, a new red variety highly resistant to fusarium wilt. 1941.
- \*C 652. Relative resistance of tomato varieties, selections, and crosses to defoliation by alternaria and stemphylium. 1942. 10¢. For sale only.
- \*C 695. Maturity and handling of green-wrap tomatoes in Mississippi. 1944. 5¢. For sale only.

**Picture Sheets:**

- \*No. 1. Tomato hornworms. 5¾ by 9¼ inches. Colored. 1937. 5¢. For sale only.
- No. 13. Tomato fruitworm. 5¾ by 9¼ inches. Colored. 1941.

**Technical Bulletins:**

- T 705. Differences in growth characters and pathogenicity of fusarium wilt isolations tested on three tomato varieties. 1940.

**Yearbook Separates:**

YS 1926. Healthier tomatoes. 1947.

**Posters:**

- \*No. 20. Tomato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A, B, C. Green mold rot.
  - D. Rhizopus rot.
- \*No. 21. Tomato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A, B. Nailhead spot, early stages.
  - C, D, E. Nailhead spot, medium and late stages.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Miscellaneous

## Farmers' Bulletins:

- \*F 232. Okra: Its culture and uses. 1905; slightly revised 1940. 5¢. For sale only.
- F 1269. Celery growing. 1922; slightly revised 1944.
- \*F 1396. The dasheen: A southern root crop for home use and market. 1924. slightly revised 1946. 10¢. For sale only.
- F 1594. Preparation of bunched beets, carrots, and turnips for market. 1929; slightly revised 1940.
- F 1646. Asparagus culture. 1930; revised 1947.
- \*F 1849. Useful and ornamental gourds. 1940. 5¢. For sale only.
- F 1863. The turnip in the Southern States and methods for its control. 1941.
- F 1886. The beet leafhopper. 1941.
- F 1957. Cauliflower and broccoli varieties and culture. 1944.

## Leaflets:

- L 116. Growing the Jerusalem artichoke. 1936.
- L 125. Production of carrots. 1937; revised 1944.
- L 126. Rhubarb production. 1937; slightly revised 1946.
- L 127. The culture of table beets. 1937; slightly revised 1943.
- L 128. Production of spinach. 1937; revised 1948.
- \*L 129. Production and preparation of horseradish. 1937. 5¢. For sale only.
- L 131. Production of eggplant. 1937.
- \*L 133. Production of chicory and endive. 1937. 5¢. For sale only.
- L 134. Production of water cress. 1938; slightly revised 1938.
- \*L 135. Production of salsify, or vegetable-oyster. 1938; slightly revised 1946. 5¢. For sale only.
- \*L 136. Production of parsley. 1937. 5¢. For sale only.
- L 137. Rhubarb forcing. 1937; slightly revised 1940.
- L 138. Production of garlic. 1937.
- L 139. Production of roselle. 1937.
- \*L 140. Production of peppers. 1937; revised 1944. 5¢. For sale only.
- L 142. Production of turnips and rutabagas. 1937; slightly revised 1943.
- \*L 143. Production of kale. 1937. 5¢. For sale only.
- L 154. Production of parsnips. 1938.
- \*L 157. Production of radishes. 1938. 5¢ For sale only.
- L 226. The pepper weevil. 1942.

## Circulars:

- C 537. Early Cheyenne pie pumpkin. 1939.
- \*C 595. The growth and composition of the fruit of okra in relation to its eating quality. 1941. 5¢ For sale only.
- C 644. The marketing of greens. 1942.
- C 750. Carrot production in the West and Southwest. 1946.
- C 773. Spoilage of fresh fruits and vegetables in rail shipments unloaded at New York City, 1935-42. 1948.

## Miscellaneous Publications:

- \*M 292. Market diseases of fruits and vegetables: Crucifers and cucurbits. 1938. 45¢. For sale only.
- M 440. Market diseases of fruits and vegetables: Asparagus, onions, Beans, peas, carrots, celery and related vegetables. 1941.
- M 541. Market diseases of fruits and vegetables: Beets, endive, escarole, globe artichoke, rhubarb, spinach, Swiss chard, and sweet-potatoes. 1944.

## Picture Sheets:

- No. 10. Squash borer. 5¾ by 9¼ inches. Colored. 1941.

## Technical Bulletins:

- \*T 33. The Jerusalem-artichoke as a crop plant. 1927; slightly revised 1937. 5¢. For sale only.
- \*T 463. Biological and ecological factors in the control of the celery leaf tier in Florida. 1935. 10¢. For sale only.
- T 514. Studies on the culture and certain varieties of the Jerusalem-artichoke. 1936.



**Technical Bulletins—Continued.**

- \*T 657. Physiological studies of Jerusalem-artichoke tubers with special reference to the rest period. 1939. 15¢. For sale only.
- T 829. Effects of partial defoliation at transplanting time on subsequent growth and yield of lettuce, cauliflower, celery, peppers, and onions. 1942.
- T 958. Preparation and use of leaf meals from vegetable wastes. 1948.

**Posters:**

- \*No. 25. Pepper diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A. Rhizopus rot.
  - B. Bacterial spot.
  - C. D. E. Anthracnose, various stages.
- \*No. 26. Eggplant diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - Fruit rot.
- \*No. 67. Parsnip and carrot diseases. 7¼ by 12 inches. Colored. 1942. 5¢. For sale only.
  - A. Parsnip gray mold rot.
  - B. Carrot black rot.
  - C, D. Carrot watery soft rot.
- \*No. 68. Celery diseases. 7¼ by 12 inches. Colored. 1942. 5¢. For sale only.
  - A. Early blight.
  - B, C. Late blight.
- \*No. 69. Celery diseases. 7¼ by 12 inches. Colored. 1942. 5¢. For sale only.
  - A, B. Bacterial soft rot.
  - C. Watery soft rot.
- No. 72. Spinach diseases. 7¼ x 12 inches. Colored. 1944.
  - A, B. Downy mildew, upper and lower surfaces of leaves.
  - C, D. Bacterial soft rot, medium and advanced stage.

**WEEDS AND POISONOUS PLANTS**

**Farmers' Bulletins:**

- \*F 988. Larkspur or "poison weed". 1918; revised 1934. 5¢. For sale only.
- \*F 1054. The loco-weed disease. 1919; revised 1936. 5¢. For sale only.
- \*F 1161. Dodder. 1921; revised 1923. 5¢. For sale only.
- F 1537. Johnson grass as a weed. 1928; slightly revised 1940.
- F 1948. Sagebrush burning—good and bad. 1944.
- \*F 1972. Poison-ivy, poison-oak and poison sumac. 1945; slightly revised 1946. 10¢. For sale only.

**Leaflets:**

- \*L 88. Poisoning of livestock by plants that produce hydrocyanic acid. 1932; slightly revised 1940. 5¢. For sale only.
- L 175. Eradication of the cultivated black currant in white pine regions. 1939.
- L 210. Pricklypear control on short-grass range in the central Great Plains. 1941.
- L 234. Control of mesquite on southwestern ranges. 1943.

**Circulars:**

- \*C 691. Management of sheep on range infested with orange sneezeweed. 1944. 10¢. For sale only.

**Technical Bulletins:**

- \*T 580. Toxicity of arrowgrass for sheep and remedial treatment. 1937. 5¢. For sale only.
- \*T 648. Comparative susceptibility of crop plants to sodium chlorate injury. 1940. 10¢. For sale only.
- T 654. Changes in weedy plant cover on cleared sagebrush land and their probable causes. 1938.
- \*T 848. The ecology of the principal summer weed hosts of the beet leaf-hopper in the San Joaquin Valley, California. 1943. 10¢ For sale only.

**PUERTO RICO**

**Circulars:**

- C 519. The tobacco industry in Puerto Rico. 1939.

**Miscellaneous Publications:**

- \*M 513. Pastures in Puerto Rico and their relation to soil conservation. 1943. 10¢. For sale only.

**Puerto Rico Experiment Station Bulletins:**

- \*PRB 40. A study of the adult populations of the West Indian fruitfly in citrus plantings in Puerto Rico. 1941. 10¢. For sale only.
- \*PRB 41. Population of the West Indian fruitfly in citrus plantings in Puerto Rico. 1942. 10¢. For sale only.
- \*PRB 43. Mineral deficiencies in *Derris elliptica*. 1945. 10¢. For sale only.
- \*PRB 44. Biology of the bamboo powder-post beetle in Puerto Rico. 1948. 10¢. For sale only.

**Puerto Rico Experiment Station Circulars:**

- \*PRC 24. Derris culture in Puerto Rico. 1943. 10¢. For sale only.
- \*PRC 26. Manilla grass for lawns. 1947. 10¢. For sale only.
- \*PRC 27. Tropical kudzu in Puerto Rico. 1947. 10¢. For sale only.
- \*PRC 28. Vanilla culture in Puerto Rico. 1948. 20¢. For sale only.
- \*PRC 29. Bamboo culture and utilization in Puerto Rico. 1948. 10¢. For sale only.

**Unnumbered:**

- \*Report of the Puerto Rico Experiment Station, 1942. 10¢ For sale only.
- \*Report of the Puerto Rico Experiment Station, 1943. 10¢. For sale only.
- \*Report of the Federal Experiment Station in Puerto Rico, 1944. 10¢. For sale only.
- \*Report of the Federal Experiment station in Puerto Rico, 1946. 15¢. For sale only.
- \*Report of the Federal Experiment Station in Puerto Rico, 1947. 20¢. For sale only.
- Informe de la estacion experimental de Puerto Rico, 1941. (In Spanish.)
- Informe de la estacion experimental de Puerto Rico, 1942. (In Spanish.)
- Informe de la estacion experimental de Puerto Rico, 1943. (In Spanish.)
- Informe de la estacion experimental federal en Puerto Rico, 1944. (In Spanish.)
- Informe de la estacion experimental federal en Puerto Rico, 1945. (In Spanish.)
- La conservacion del suelo en Puerto Rico. (In Spanish.) 1941.
- Metodos modernos para conservacion de suelos en Puerto Rico. (In Spanish.) 1941.

**RURAL SOCIOLOGY****EXTENSION WORK****Program Aids:**

- PA 56. Let's talk it over: The extension worker as a counselor. 1948.

**Miscellaneous Publications:**

- \*M 52. How to find economic facts and apply them as a basis for extension programs in home economics, dairying, and forestry. 1929. 5¢. For sale only.
- M 285. Federal legislation, regulations, and rulings affecting cooperative extension work in agriculture and home economics. 1937; revised 1946.
- \*M 291. Teaching conservation of wildlife through 4-H Clubs. 1938. 10¢. For sale only.
- M 320. Organization of 4-H Club work. A guide for local leaders. 1938; revised 1948.
- M 395. Forestry for 4-H Clubs. 1941.
- M 403. Effective extension circular letters. 1941.
- M 602. The home demonstration agent. 1946.
- M 610. Rural handicrafts in the United States. 1946.
- M 634. Educational exhibits. 1948.

**Technical Bulletins:**

- T 125. Relative cost of extension methods which influence change in farm and home practices. 1929.

**Unnumbered:**

- Conference report on: The contribution of extension methods and techniques toward the rehabilitation of war-torn countries. 1945.
- The 4-H Clubs. 1946.
- Security at the grass roots. A report of cooperative extension work in agriculture and home economics, 1940-41.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Unnumbered—Continued.**

- Report of cooperative extension work in agriculture and home economics, 1941-42.  
 Report of cooperative extension work in agriculture and home economics, 1943.  
 \*Report of cooperative extension work in agriculture and home economics, 1945. 10¢. For sale only.  
 Joint committee report on extension programs policies and goals. 1948.  
 \*Report of cooperative extension work in agriculture and home economics, 1947. 10¢. For sale only.  
 What agricultural extension is. 1944.

**RURAL LIFE****Farmers' Bulletins:**

- \*F 1441. Rural planning: The village. 1925; slightly revised 1935. 5¢. For sale only.  
 F 1492. Arbor day: Its purpose and observance. 1926; revised 1940.  
 F 1847. Rural library service. 1940.

**Leaflets:**

- L 244. Community forests for rural people. 1945.

**Agricultural Information Series:**

- IS 34. Forestry and jobs. 1945.  
 IS 38. Public improvements for your community. 1945.  
 IS 45. Social security for farm people. 1946.

**Agricultural War Information Series:**

- W 105. Shall I be a farmer? 1944; slightly revised 1946.

**Discussion Series:**

- D 4. Group discussion and its techniques. 1942.  
 DS 8. What part should farmers in your county take in making national agricultural policy? 1936.  
 DS 10. Rural communities: What do they need most? 1937.  
 DS 19. Getting at the facts about agriculture: Program building. 1940.  
 DS 21. Getting established on the farm. 1941.  
 DS 24. Let's talk about when Joe comes home and comes back to the farm. 1944.  
 DS 25. Let's talk about buying and selling farm products abroad. 1944.  
 DS 26. Let's talk about timber supplies. Is a timber shortage coming? 1945.  
 DS 27. Let's talk about farm leases and how they can be improved. 1945.

**Miscellaneous Publications:**

- \*M 205. Economic and social problems and conditions of the southern Appalachians. 1935. 50¢. For sale only.  
 M 373. State forests for public use. 1940.  
 \*M 388. Living and forests lands. 1940; slightly revised 1941. 10¢. For sale only.  
 \*M 573. Better health for rural America. 1945. 20¢. For sale only.  
 M 621. Life insurance for farm families. 1947.

**Technical Bulletins:**

- T 576. Family living in Knott County, Ky. 1937.

**Yearbook Separates:**

- \*YS 1763. The rural people. 1940. 5¢. For sale only.  
 YS 1774. The contribution of sociology to agriculture. 1940.

**Unnumbered:**

- \*Community forests. 1939. 10¢. For sale only.

**Posters:**

- Rural cultural regions in the United States. 20 by 40 inches. Colored. 1940.

**SOILS**

NOTE: Inquire of your local garden leader, county agent, or experiment station about soil-testing sources available in your locality. Do not send samples of soil to the U. S. Department of Agriculture.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## GENERAL

## Circulars:

- \*C 707. Saline soils, their nature and management. 1944. 15¢. For sale only.  
 C 757. Methods of soil analysis for soil fertility investigations. 1947.

## Miscellaneous Publications:

- M 259. Comparison of various chemical quick tests on different soils. 1937.

## Technical Bulletins:

- \*T 399. A study of claypan soils. 1933. 5¢. For sale only.  
 T 461. Base exchange and related properties of the colloids of soils from the erosion experiment stations. 1934.  
 T 482. Selenium occurrence in certain soils in the United States with a discussion of related topics. First report. 1935.  
 T 502. The chemical and physical properties of dry-land soils and of their colloids. 1935.  
 \*T 530. Selenium occurrence in certain soils in the United States with a discussion of related topics. Second report. 1936. 10¢. For sale only.  
 T 584. Chemical and physical studies of certain Hawaiian soil profiles. 1937.  
 T 594. The chemical composition of soils and colloids of the Norfolk and related soil series. 1938.  
 \*T 601. Selenium occurrence in certain soils in the United States with a discussion of related topics. Third report. 1938. 15¢. For sale only.  
 T 732. Arsenic distribution in soils and its presence in certain soils. 1940.  
 T 745. Hardpan and microrelief in certain soil complexes of California. 1941.  
 \*T 752. Rock weathering and soil profile development in the Hawaiian Islands. 1941. 10¢. For sale only.  
 \*T 758. Selenium occurrence in certain soils in the United States, with a discussion of related topics. Fifth report. 1941. 15¢. For sale only.  
 \*T 769. Peat resources in Alaska. 1941. 15¢. For sale only.  
 T 783. Selenium occurrence in certain soils in the United States, with a discussion of related topics. Sixth report. 1941.  
 T 833. Chemical and physical properties of some of the important alluvial soils of the Mississippi Drainage Basin. 1942.  
 T 834. Morphology and composition of some soils of the Miami family and Miami catena. 1942.  
 \*T 902. Some soil properties related to the sodium salt problem in irrigated soils. 1945. 10¢. For sale only.  
 T 911. Relation of soil reaction to toxicity and persistence of some herbicides in greenhouse plots. 1946.  
 \*T 937. Effect of gypsum, organic matter, and drying on infiltration of a sodium water into a fine sandy loam. 1948. 10¢. For sale only.  
 T 950. Selenium occurrence in certain soils in the United States, with a discussion of related topics. Seventh report. 1948.

## Agricultural Technical Circular:

- \*No. 1. Estimating the nema population of soil. 1918. 10¢. For sale only.

## EROSION CONTROL AND SOIL CONSERVATION

## Farmers' Bulletins:

- F 1405. The windbreak as a farm asset. 1924; revised 1944.  
 F 1758. Cover crops for soil conservation. 1936; revised 1942.  
 F 1789. Terracing for soil and water conservation. 1938; revised 1943.  
 \*F 1790. The Nichols terrace: An improved channel-type terrace for the Southeast. 1937; slightly revised 1944. 5¢. For sale only.  
 \*F 1797. Implements and methods of tillage to control soil blowing on the northern Great Plains. 1938. 5¢. For sale only.  
 F 1813. Prevention and control of gullies. 1939.  
 F 1814. Terrace outlets and farm drainageways. 1939; slightly revised 1946.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Farmers' Bulletins—Continued.**

- F 1840. Kudzu for erosion control in the Southeast. 1939; slightly revised 1944.
- \*F 1853. Classifying land for conservation farming. 1943. 10¢. For sale only.
- \*F 1864. Toward soil security on the northern Great Plains. 1941. 15¢. For sale only.
- \*F 1868. Wildlife management through soil conservation on farms in the Northeast. 1941. 10¢. For sale only.
- F 1900. Pastures to hold and enrich the soil. 1942; slightly revised 1945.
- F 1909. More food through conservation farming. 1942; slightly revised 1943.
- F 1913. Regrassing for soil protection in the Southwest. 1942.
- F 1946. Lupines: New legumes for the South. 1943; slightly revised 1947.
- F 1970. Conserving soil and moisture in orchards and vineyards. 1945.
- F 1973. Irrigated pastures for forage production and soil conservation. 1945.
- F 1981. Strip cropping for conservation and production. 1946.
- F 1982. When drought returns to the Great Plains. 1947.
- F 1997. Stubble-mulch farming to hold soil and water. 1948.

**Leaflets:**

- L 114. Vine-mesquite for erosion control on southwestern ranges. 1936.
- L 163. Legumes in soil conservation practices. 1938.
- L 165. Soil-depleting, soil-conserving and soil-building crops. 1938.
- \*L 188. Protecting field borders. 1939; revised 1941. 5¢. For sale only.
- L 214. Plowing terraced land. 1942.
- L 248. Bicolor lespedeza for quail and soil conservation in the southeast. 1948.
- L 249. What is a conservation farm plan? 1948.

**Circulars:**

- \*C 347. Effect of cover on surface run-off and erosion in the loessial uplands of Mississippi. 1935. 5¢. For sale only.
- C 430. Emergency wind-erosion control. 1937.
- C 482. Surface run-off and erosion on granitic mountain soils of Idaho as influenced by range cover, soil disturbance, slope, and precipitation intensity. 1938.
- C 536. The annual lespedezas as forage and soil-conserving crops. 1939.
- C 559. Review and discussion of literature pertinent to crop rotation for erodible soils. 1939.
- C 588. Soil losses from cultivated strips in strip-cropped fields in the Ohio Valley region. 1940.
- C 599. A combination suspended-load sampler and velocity meter for small streams.
- \*C 608. Surface condition of soil and time of application as related to intake of water. 1941. 10¢. For sale only.
- C 730. Three introduced lovegrasses for soil conservation. 1945.

**Miscellaneous Publications:**

- \*M 196. Floods and accelerated erosion in northern Utah. 1934. 5¢. For sale only.
- M 256. Early erosion-control practices in Virginia. 1937; slightly revised 1938.
- \*M 293. Soil conservation districts for erosion control. 1937. 10¢. For sale only.
- M 301. Erosion and its control in Oklahoma Territory. 1938.
- \*M 308. Toward farm security. 1938. 10¢. For sale only.
- \*M 372. A survey and discussion of lysimeters and a bibliography on their construction and performance. 1940. 10¢. For sale only.
- M 397. Influences of vegetation and watershed treatment on run-off, silting, and stream flow. 1940.
- M 407. The story of soil conservation in the South Carolina Piedmont, 1800-1860. 1940.
- M 448. Soil conservation districts in action on the land. 1941.
- \*M 449. Early American soil conservationists. 1941. 15¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications—Continued.**

- M 463. A method of estimating the economic effects of planned conservation on an individual farm. 1942.
- \*M 473. New landmarks of soil conservation: Southern States. 1942. 10¢. For sale only.
- M 596. Our American land: The story of its abuse and its conservation. 1946; slightly revised 1948.

**Program Aids:**

- PA 51. It could happen again. 1948.
- PA 55. Grass roots conservation for pasture and range. 1948.

**Technical Bulletins:**

- T 528. Conditions influencing erosion on the Boise River waterhead. 1936.
- \*T 556. Soil conservation reconnaissance survey of the southern Great Plains wind-erosion area. 1937. 25¢. For sale only.
- T 558. Soil and water conservation investigations. 1937.
- T 633. Principles of gully erosion in the Piedmont of South Carolina. 1939.
- \*T 639. Effect of accelerated erosion on silting in Morena Reservoir, San Diego County, Calif. 1939. 30¢. For sale only.
- T 695. Some principles of accelerated stream and valley sedimentation. 1940.
- T 794. Erodibility investigation on some soils of the upper Gila watershed. 1941.
- T 808. Climate and accelerated erosion in the arid and semi-arid Southwest, with special reference to the Polacca Wash Drainage Basin, Arizona. 1942.
- \*T 825. Effect of mulches and surface conditions on the water relations and erosion of Muskingum soils. 1942. 5¢. For sale only.
- \*T 837. Investigations in erosion control and reclamation of eroded land at the Red Plains Conservation Experiment Station, Guthrie, Okla., 1930-40. 1943. 20¢. For sale only.
- \*T 859. Investigations in erosion control and reclamation of eroded land at the Blackland Conservation Experiment Station, Temple, Texas, 1931-41. 1944. 20¢. For sale only.
- T 860. Investigations in erosion control and the reclamation of eroded land at the Palouse Conservation Experiment Station, Pullman, Wash., 1931-42. 1944.
- T 883. Investigations in erosion control and reclamation of eroded Shelby and related soils at the Conservation Experiment Station, Bethany, Mo., 1930-42. 1945.
- T 916. Investigations in erosion control and reclamation of eroded sandy clay lands of Texas, Arkansas, and Louisiana, at the Conservation Experiment station, Tyler, Texas, 1931-40. 1946.

**Yearbook Separates:**

- YS 1957. Rotations in conservation. 1947.

**Unnumbered:**

- Contoured acres fight. 1943.
- La conservación del suelo en Puerto Rico. (In Spanish). 1941.
- Metodos modernos para conservacion de suelos en Puerto Rico. (In Spanish.) 1941.
- Plowing for terrace maintenance in the South. 1940.
- Terrace construction with small equipment in the South. 1940.
- War crops from wasted acres. 1943.
- \*The work of the Soil Conservation Service. 1940. 5¢. For sale only.

**Soil Conservation Charts:**

- No. 35. The tree and the soil. 16 by 21 inches. Black and white. 1941.

**REGIONAL****Northeastern Region, Region I**

(Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, West Virginia)

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Farmers' Bulletins:**

- \*F 1868. Wildlife management through soil conservation on farms in the Northeast. 1941. 10¢. For sale only.

**Circulars:**

- C 588. Soil losses from cultivated strips in strip-cropped fields in the Ohio Valley Region. 1940.

**Northern Great Plains Region, Region V**

(Kansas, Montana, Nebraska, North Dakota, South Dakota, and Wyoming)

**Farmers' Bulletins:**

- \*F 1797. Implements and methods of tillage to control soil blowing on the northern Great Plains. 1938. 5¢. For sale only.  
 \*F 1864. Toward soil security on the northern Great Plains. 1941. 15¢. For sale only.  
 F 1982. When drought returns to the Great Plains. 1947.  
 F 1985. Seed for regrassing Great Plains areas. 1947.

**Conservation Folders:**

- CF 1. Save your soil: Contour strip cropping saves both soil and water. 1941.  
 CF 2. Save your soil: Protected waterways in cultivated fields. 1941.  
 CF 3. Save your soil: Wildlife and soil conservation go hand in hand. 1941.  
 CF 4. Save your soil: Range improvement by proper stocking. 1941.  
 CF 5. Save your soil: Strip cropping for control of wind erosion. 1941.  
 CF 7. Save your soil: Establishing grass on unproductive cultivated land. 1942.  
 CF 8. Save your soil: Stock water dams in the northern Great Plains. 1942.  
 CF 9. Save your soil: Stock water dugouts, an aid to range management. 1942.  
 CF 10. Save your soil: Water spreading and flood irrigation. 1942.  
 CF 11. Save your soil: Developing springs to furnish water for livestock. 1942.  
 CF 12. Save your soil: Three shelterbelts or windbreaks helpful on the northern Great Plains. 1942.  
 CF 13. Save your soil: Protection and care of farm woods. 1942.  
 CF 14. Save your soil: Tree planting to stabilize gullies and stream banks. 1942.

**Miscellaneous Publications:**

- \*M 497. Wartime farming on the northern Great Plains. 1942. 10¢. For sale only.

**Technical Bulletins:**

- T 558. Soil and water conservation investigations at the Soil Conservation Experiment Station, Missouri Valley loess region, Clarina, Iowa, progress report, 1931-35. 1937.

**Unnumbered:**

- Land-use adjustment in the Spring Creek area, Campbell County, Wyoming. 1939.  
 \*Soil and water conservation in the northern Great Plains. 1937. 10¢. For sale only.

**Pacific Region, Region VII**

(California, Idaho, Nevada, Oregon, and Washington)

**Circulars:**

- C 482. Surface run-off and erosion on granitic mountain soils of Idaho as influenced by range cover, soil disturbance, slope and precipitation intensity. 1938.

**Miscellaneous Publications:**

- M 514. Food for Freedom by better range-conservation practices in the Pacific Northwest. 1943.

**Technical Bulletins:**

- T 528. Conditions influencing erosion on the Boise River watershed. 1936.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Technical Bulletins—Continued.**

- \*T 639. Effect of accelerated erosion on silting in Morena Reservoir, San Diego County, California. 1939. 30¢. For sale only.  
 T 860. Investigations in erosion control and the reclamation of eroded land at the Palouse Conservation Experiment Station, Pullman, Wash., 1931-42. 1944.

**Unnumbered:**

Erosion losses from a 3-day California storm. 1939.

**Southeastern Region, Region II**

(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia)

**Farmers' Bulletins:**

- \*F 1790. The Nichols terrace: An improved channel-type terrace for the Southeast. 1937; slightly revised 1944. 5¢. For sale only.  
 F 1840. Kudzu for erosion control in the Southeast. 1939; slightly revised 1944.  
 F 1946. Lupines: New legumes for the South. 1943; slightly revised 1947.

**Leaflets:**

- L 248. Bicolor lespedeza for quail and soil conservation in the Southeast. 1948.

**Miscellaneous Publications:**

- M 256. Early erosion-control practices in Virginia. 1937; slightly revised 1938.  
 M 407. The story of soil conservation in the South Carolina Piedmont, 1800-1860. 1940.  
 \*M 473. New landmarks of soil conservation: Southern States. 1942. 10¢. For sale only.  
 \*M 474. The cotton-and-tobacco South. 1941. 10¢. For sale only.

**Technical Bulletins:**

- T 633. Principles of gully erosion in the Piedmont of South Carolina. 1939.

**Unnumbered:**

Terrace construction with small equipment in the South. 1940.

**Southwestern Region, Region VI**

(Arizona, Colorado, New Mexico, and Utah)

**Farmers' Bulletins:**

- F 1913. Regrassing for soil protection in the Southwest. 1942.

**Leaflets:**

- L 114. Vine-mesquite for erosion control on southwestern ranges. 1936.

**Miscellaneous Publications:**

- \*M 196. Floods and accelerated erosion in northern Utah. 1934. 5¢. For sale only.  
 M 301. Erosion and its control in Oklahoma Territory. 1938.  
 \*M 496. Wartime farming of the southern Great Plains. 1942. 10¢. For sale only.  
 M 517. Farming for greater production of war crops in the Intermountain and Southwestern country. 1943.

**Technical Bulletins:**

- \*T 556. Soil conservation reconnaissance survey of the southern Great Plains wind-erosion area. 1937. 25¢. For sale only.

**Unnumbered:**

Conservation farming for the hard lands of the southern Great Plains. 1941.  
 Conservation practices for the range lands of the southern Great Plains. 1941.  
 Conservation farming for the sandy lands of the southern Great Plains. 1941.  
 Plowing for terrace maintenance in the South. 1940.  
 Terrace construction with small equipment in the South. 1940.

**Upper Mississippi Region, Region III**

(Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin)

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Circulars:**

- \*C 347. Effect of cover on surface run-off and erosion in the loessial uplands of Mississippi. 1935. 5¢. For sale only.
- C 588. Soil losses from cultivated strips in strip-cropped fields in the Ohio Valley region. 1940.

**Technical Bulletins:**

- T 558. Soil and water conservation investigations at the Soil Conservation Experiment Station, Missouri Valley loess region, Clarinda, Iowa, progress report, 1931-35. 1937.
- T 883. Investigations in erosion control and reclamation of eroded shelby and related soils at the Conservation Experiment Station, Bethany, Mo., 1930-42. 1945.

**Unnumbered:**

- \*Anchoring farmlands in the Ohio Valley Region. 1937; slightly revised 1938. 10¢. For sale only.

**Soil Conservation Charts:**

- No. 11. Soil management program for cropland. 36 by 36 inches. Black and white. 1939.
- No. 12. Effect of cropping plan on soil losses. 36 by 36 inches. Black and white. 1939.
- No. 13. Story of three cornfields and the soil they lost per acre each year. 36 by 36 inches. Black and white. 1939.
- No. 15. Financial insecurity follows erosion of the soil. 36 by 36 inches. Black and white. 1939.
- No. 16. Erosion control starts with an inventory of farm resources. 36 by 36 inches. Black and white. 1939.
- No. 17. Soil conservation calls for long-time planning. 36 by 36 inches. Black and white. 1939.
- No. 18. Locust reclaims gullied area within three growing seasons. 13 by 19 inches. Black and white. 1939.
- No. 19. Contour furrows. 16½ by 24 inches. Black and white. 1939.
- \*No. 20. Winter cover saves soil. 16½ by 22 inches. Black and white. 1939. 5¢. For sale only.
- No. 21. Soil erosion destroyed this community. 18 by 22 inches. Black and white. 1939.
- No. 31. A grass economy is vital. 19 by 24 inches. Black and white. 1940.

**Western Gulf Region, Region IV**

(Arkansas, Louisiana, Oklahoma, and Texas)

**Farmers' Bulletins:**

- F 1913. Regrassing for soil protection in the Southwest. 1942.
- F 1982. When drought returns to the Great Plains. 1947.
- F 1985. Seed for regrassing Great Plains areas. 1947.

**Leaflets:**

- L 114. Vine-mesquite for erosion control on southwestern ranges. 1936.

**Miscellaneous Publications:**

- \*M 496. Wartime farming in the southern Great Plains. 1942. 10¢. For sale only.
- M 517. Farming for greater production of war crops in the Intermountain and Southwestern country. 1943.

**Technical Bulletins:**

- \*T 556. Soil conservation reconnaissance survey of the southern Great Plains wind-erosion area. 1937. 25¢. For sale only.
- T 794. Erodibility investigations on some soils of the upper Gila watershed. 1941.
- \*T 837. Investigations in erosion control and reclamation of eroded lands at the Red Plains Conservation Experiment Station, Guthrie, Okla., 1930-40. 1943. 20¢. For sale only.
- \*T 859. Investigations in erosion control and reclamation of eroded at the Blackland Conservation Experiment Station, Temple, Tex., 1931-1941. 1944. 20¢. For sale only.

**Technical Bulletins—Continued.**

T 916. Investigations in erosion control and reclamation of eroded sandy clay lands of Texas, Arkansas, and Louisiana at the Conservation Experiment Station, Tyler, Texas, 1931-40. 1946.

**PHYSICAL LAND SURVEYS**

(Reports 1-22 in this series were called Erosion Survey Reports)

**Alaska:**

\*PLS 41. Physical land conditions in Matanuska Valley, Alaska. 1946. 15¢. For sale only.

**Arkansas:**

\*ESR 18. Erosion and related land use conditions in the Illinois Bayou soil conservation district, Arkansas. 1941. 35¢. For sale only.

**California:**

\*PLS 33. Physical land conditions on the San Mateo County Soil Conservation District, California. 1943. 45¢. For sale only.

**Colorado:**

\*PLS 30. Physical land conditions in the Western and Southeastern Baca County Soil Conservation Districts, Colorado. 1944. 35¢. For sale only.

**Georgia:**

\*ESR 10. Erosion and related land use conditions of the Lloyd Shoal Reservoir watershed, Georgia. 1940. 35¢. For sale only.

\*PLS 23. Physical land conditions in Greene County, Georgia. 1941. 40¢. For sale only.

\*PLS 34. Physical land conditions in Polk County, Georgia. 1944. 20¢. For sale only.

\*PLS 35. Physical land conditions in Clarke County, Georgia. 1944. 25¢. For sale only.

**Illinois:**

\*PLS 26. Physical land conditions on the Edwardsville Demonstration project, Madison County, Illinois. 1943. 35¢. For sale only.

**Indiana:**

\*PLS 24. Physical land conditions on the Leatherwood Creek demonstration project, Lawrence County, Indiana. 1941. 30¢. For sale only.

**Iowa:**

\*PLS 27. Physical land conditions in Tama County, Iowa. 1943. 25¢. For sale only.

\*PLS 28. Physical land conditions in Farmersburg-McGregor project, Clayton County, Iowa. 1942. 10¢. For sale only.

**Kansas:**

\*ESR 21. Erosion and related land use conditions on the West Tany Creek demonstration project, Kansas. 1941. 20¢. For sale only.

**Maine:**

\*ESR 19. Erosion and related land use conditions on the Presque Isle demonstration project, Maine. 1941. 20¢. For sale only.

**Maryland:**

\*PLS 37. Physical land conditions in Kent Soil Conservation District, Maryland. 1945. 15¢. For sale only.

**Michigan:**

\*PLS 39. Physical land conditions in Fenton Soil Conservation District, Genesee and Livingston Counties, Michigan. 1946. 20¢. For sale only.

**Minnesota:**

\*ESR 17. Erosion and related land use conditions in Winona County, Minnesota. 1941. 20¢. For sale only.

\*PLS 36. Physical land conditions in Washington County, Minnesota. 1944. 15¢. For sale only.

**Mississippi:**

\*ESR 12. Erosion and related land use conditions on the Hell and Mud Creeks demonstration project, Mississippi. 1940. 10¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Missouri:**

- \*PLS 25. Physical land conditions in Chariton County, Missouri. 1942. 15¢. For sale only.

**Montana:**

- \*ESR 1. Erosion and related land use conditions on the Froid demonstration project, Montana. 1938. 25¢. For sale only.

**Nebraska:**

- \*ESR 22. Erosion and related land use conditions on the Box Elder Creek Project, Nebraska. 1941. 20¢. For sale only.

**New Mexico:**

- \*PLS 42. Physical land conditions in the Rio Grande Watershed of southern New Mexico. 1947. 15¢. For sale only.

**New York:**

- \*PLS 31. Physical land conditions in Schuyler County, N. Y. 1943. 40¢. For sale only.

**North Carolina:**

- \*ESR 8. Erosion and related land use conditions on the University Lake watershed, Chapel Hill, North Carolina. 1939. 25¢. For sale only.  
\*ESR 11. Erosion and related land use conditions on the Lake Michie watershed, near Durham, North Carolina. 1940. 15¢. For sale only.

**North Dakota:**

- \*ESR 3. Erosion and related land use conditions on the Minot area, North Dakota, 1938. 65¢. For sale only.

**Ohio:**

- \*ESR 7. Erosion and related land use conditions on the Muskingum River watershed, Ohio. 1939. \$1.00. For sale only.  
\*PLS 32. Physical land conditions in Muskingum and Guernsey Counties, Ohio. 1944. 35¢. For sale only.

**Oklahoma:**

- \*PLS 40. Physical land conditions in the Farm Security Soil Conservation District, Harmon County, Okla. 1946. 20¢. For sale only.

**Oregon:**

- \*ESR 20. Erosion and related land use conditions on the Chehalem Mountain demonstration project, Oregon. 1941. 20¢. For sale only.

**Pennsylvania:**

- \*ESR 15. Erosion and related land use conditions in the Conestoga area, Pennsylvania. 1940. 40¢. For sale only.  
\*ESR 16. Erosion and related land use conditions on the Crooked Creek project, near Indiana, Pa. 1940. 20¢. For sale only.

**South Carolina:**

- \*ESR 9. Erosion and related land use conditions on the Spartanburg Municipal Reservoir watershed, South Carolina. 1940. 20¢. For sale only.  
\*PLS 38. Physical land conditions in Anderson, South Carolina. 1946. 20¢. For sale only.

**South Dakota:**

- \*PLS 29. Physical land conditions in the Brown-Marshall Soil Conservation District, South Dakota. 1942. 20¢. For sale only.

**Texas:**

- \*ESR 4. Erosion and related land use conditions on the Elm Creek watershed, Texas. 1939. 10¢. For sale only.  
\*ESR 5. Erosion and related land use conditions on the watershed of White Rock Reservoir near Dallas, Texas. 1939. 20¢. For sale only.  
\*ESR 14. Erosion and related land use conditions on the Lake Crook watershed, Lamar County, Texas. 1940. 20¢. For sale only.

**Vermont:**

- \*ESR 13. Erosion and related land use conditions on the Mad River watershed, Vermont. 1940. 25¢. For sale only.

## SOIL IMPROVEMENT

## Farmers' Bulletins:

- F 1153. Cowpeas: Utilization. 1920.
- \*F 1276. The velvet bean. 1922; revised 1938. 5¢. For sale only.
- F 1663. Winter legumes for green manure in the Cotton Belt. 1931; revised 1948.
- F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.
- \*F 1803. Culture and pests of field peas. 1938. 5¢. For sale only.
- F 1852. Lespedeza culture and utilization. 1940; revised 1946.
- F 1980. Crotalaria culture and utilization. 1946.

## Leaflets:

- L 165. Soil-depleting, soil-conserving and soil-building crops. 1938.

## Circulars:

- \*C 290. Grades of peat and muck for soil improvement. 1933. 5¢. For sale only.
- C 703. Method of testing legume bacteria cultures and results of tests of commercial inoculants in 1943. 1944.

## Miscellaneous Publications:

- M 559. Aerobic mesophilic sporeforming bacteria. 1946.

## Technical Bulletins:

- T 536. Crop rotation and tillage experiments at the northern Great Plains Field Station, Mandan, N.Dak. 1936.

## Yearbook Separates:

- \*YS 1624. Tillage. 1938. 5¢. For sale only.
- YS 1945. New legumes for the South. 1947.
- YS 1953. Better soils, better foods. 1947.
- YS 1954. Organic matter in soils. 1947.
- YS 1955. Soil organisms and disease. 1947.
- \*YS 1956. Ways to till the soil. 1947. 5¢. For sale only.
- YS 1958. The control of salinity. 1947.
- YS 1962. The use of minor elements. 1947.
- YS 1963. Tests of plants and soils. 1947.
- YS 1964. Nutrient-element balance. 1947.

## Unnumbered:

- \*Soils and security. 1941. 5¢. For sale only.

## Fertilizers

## Farmers' Bulletins:

- F 1750. Summer crops for green manure and soil improvement. 1935; revised 1947.
- F 1801. Making lime on the farm. 1938.
- F 1845. The liming of soils. 1940.

## Agricultural Information Series:

- IS 46. Food crops need phosphate. 1946.

## Circulars:

- \*C 666. Influence of lime and fertilizers on pasture establishment and production at Jeanerette, La., 1932 to 1938. 1943. 5¢. For sale only.
- \*C 689. Fertilizer consumption in 1941 and trends in usage. 1943. 10¢. For sale only.
- \*C 719. Explosibility and fire hazard of ammonium nitrate fertilizer. 1945. 10¢. For sale only.
- \*C 726. Use of commercial fertilizers in cotton production. 1945. 10¢. For sale only.
- C 756. Consumption and trends in the use of fertilizer in the year ended June 30, 1944. 1946.
- C 757. Methods of soil analysis for soil-fertility investigations. 1947.
- \*C 771. Ammonium nitrate for crop production. 1948. 10¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Miscellaneous Publications:**

- M 136. Conservation of fertilizer materials from minor sources. 1932.  
 \*M 586. Fertilizers and lime in the United States: Resources, production, marketing, and use. 1946. 20¢. For sale only.  
 M 593. Prewar world production and consumption of plant foods in fertilizers. 1946.

**Technical Bulletins:**

- \*T 371. The effect of different colloidal soil materials on the efficiency of superphosphate. 1933. 5¢. For sale only.  
 T 781. Arsenic in natural phosphates and phosphate fertilizers. 1941.  
 T 933. Role of potash in growth and nutrition of Maryland tobacco. 1947.

**Yearbook Separates:**

- YS 1959. Phosphate fertilizers. 1947.  
 YS 1960. Use of nitrogen fertilizers. 1947.  
 \*YS 1961. The liming of soils. 1947. 5¢. For sale only.  
 YS 1962. The use of minor elements. 1947.  
 \*YS 1985. New fertilizer machines. 1947. 5¢. For sale only.

**SOIL SURVEYS**

(See page 6 for description)

**Alabama:**

Barbour County.  
 Bullock County.  
 Calhoun County.  
 Chambers County.  
 Cherokee County.  
 Chilton County.  
 Choctaw County.  
 Clay County.  
 Cleburne County.  
 Colbert County.  
 Coosa County.  
 Crenshaw County.  
 Dallas County.  
 Escambia County.  
 \*Fayette County. 25¢. For sale only.  
 Franklin County.  
 Geneva County.  
 Greene County.  
 Hale County.  
 Houston County.  
 Huntsville Area.  
 Lamar County.  
 Lauderdale County.  
 Lawrence County.  
 Lowndes County.  
 Macon County.  
 Madison County.  
 Marengo County.  
 Marshall County.  
 Mobile County.  
 Monroe County.  
 Morgan County.  
 Perry County.  
 Pickens County.  
 Randolph County.  
 Shelby County.  
 St. Clair County.  
 Sumter County.  
 Walker County.  
 Wilcox County.  
 Winston County.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Alaska:**

Report on a reconnaissance of the soils, agriculture, and other resources of the Kenai Peninsula Region, Alaska.

**Arizona:**

Benson Area. (Part of Cochise County.)  
Buckeye-Beardsley Area.  
Casa Grande Area. (Part of Pinal County.)  
Chochise County. (See Benson and San Simon Areas.)  
Coconino County. (See Winslow Area.)  
Gila Bend Area. (Part of Maricopa County.)  
Graham County. (See Upper Gila Valley Area.)  
Maricopa County. (See Gila Bend Area, Buckeye-Beardsley, and Salt River Valley Areas.)  
Mohave County. (See Virgin River Valley Area.)  
Navajo County. (See Winslow Area.)  
Nogales Area.  
Paradise Verde Area.  
Pima County. (See Tucson Area.)  
Pinal County. (See Casa Grande Area.)  
Salt River Valley Area.  
San Simon Area. (Part of Cochise County.)  
Santa Cruz County. (See Nogales Area.)  
Tucson Area. (Part of Pima County.)  
Upper Gila Valley Area. (Part of Graham County.)  
Virginia River Valley Area, Arizona-Utah. (Parts of Mohave County, Arizona, and Washington County, Utah.)  
Winslow Area.  
Yuma County. (See Yuma Desert Area.)  
Yuma Desert Area. (Part of Yuma County.)  
Yuma-Wellton Area, Arizona-California.

**Arkansas:**

Arkansas County. (See Stuttgart Area.)  
Ashley County.  
Bradley County.  
Craighead County.  
Drew County.  
Faulkner County.  
Hempstead County.  
Howard County.  
Jefferson County.  
Lonoke County.  
Mississippi County.  
Miller County.  
Nevada County.  
Perry County.  
Pope County.  
Prairie County.  
Pulaski County.  
Stuttgart Area.  
Yell County.

**California:**

Alameda County. (See Livermore and San Jose Areas.)  
Alturas Area. (Parts of Lassen and Modoc Counties.)  
Auburn Area. (Parts of Placer and Nevada Counties.)  
Bakersfield Area. (Part of Kern County.)  
Barstow Area. (Part of San Bernardino County.)  
Big Valley Area. (Part of Modoc and Lassen Counties.)  
Bishop Area. (Parts of Inyo and Mono Counties.)  
Brawley Area. (Part of Imperial County.)  
Butte County. (See Chico Area and Red Bluff Area.)  
Capistrano Area. (Parts of Orange and San Diego Counties.)  
Central Southern Area. (Reconnaissance.)  
Chico Area. (Part of Butte County.)

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**California—Continued.**

- Clear Lake Area. (Part of Lake County.)  
 Coachella Valley Area. (Part of Riverside County.)  
 Contra Costa County.  
 Dixon Area. (Parts of Solano and Yolo Counties.)  
 El Cajon Area. (Part of San Diego County.)  
 El Centro Area. (Part of Imperial County.)  
 El Dorado County. (*See* Placerville Area.)  
 Eureka Area. (Part of Humboldt County.)  
 Fresno County. (*See* Hanford Area.)  
 Gilroy Area. (Part of Santa Clara County.)  
 Grass Valley. (Part of Nevada County.)  
 Hanford Area. (Parts of Fresno and Kings Counties.)  
 Healdsburg Area. (Part of Sonoma County.)  
 Hollister Area. (Part of San Benito County.)  
 Honey Lake Area. (Part of Lassen County.)  
 Humboldt County. (*See* Eureka Area.)  
 Imperial County. (*See* El Centro Area and Palo Verde Area and Brawley Area.)  
 Inyo County. (*See* Bishop Area.)  
 Kern County. (*See* Bakersfield Area and Wasco Area.)  
 \*King City Area. (Part of Monterey County.) 35¢. For sale only.  
 Kings County. (*See also* Hanford Area.)  
 Lake County. (*See* Clear Lake Area.)  
 Lancaster Area. (Part of Kern and Los Angeles Counties.)  
 Lassen County. (*See* Alturas Area, Honey Lake Area, and Big Valley Area.)  
 Livermore Area. (Parts of Alameda and Contra Costa Counties.)  
 Lodi Area. (Part of San Joaquin County.)  
 Los Angeles Area. (Parts of Los Angeles and Orange Counties.)  
 Los Angeles County. (*See* Los Angeles, Pasadena, San Fernando Valley, San Gabriel, Lancaster, and Ventura Areas.)  
 Lower San Joaquin Valley Area. (Reconnaissance.)  
 Madera Area. (Part of Madera County.)  
 Madera County. (*See* Madera Area.)  
 Mendocino County. (*See* Ukiah and Willets Areas.)  
 Merced Area. (Part of Merced County.)  
 Merced County. (*See* Merced Area.)  
 Middle San Joaquin Valley Area. (Reconnaissance.)  
 Modoc County. (*See* Alturas Area and Big Valley Area.)  
 Mono County. (*See* Bishop Area.)  
 Monterey County. (*See* Salinas Area and Pajara Valley, Santa Cruz, Kings City Areas.)  
 Napa Area. (Part of Napa County.)  
 Napa County. (*See also* Napa Area.)  
 Nevada County. (*See* Auburn and Grass Valley Area.)  
 Newman Area. (Part of Stanislaus County.)  
 Oceanside Area. (Part of San Diego County.)  
 Orange County. (*See* Capistrano Area and Santa Ana Area.)  
 Pajaro Valley. (Parts of Monterey and Santa Cruz Counties.)  
 Palo Verde Area. (Part of Riverside and Imperial Counties.)  
 Pasadena Area. (Parts of Los Angeles and San Bernardino Counties.)  
 Paso Robles Area.  
 Pixley Area. (Part of Tulare County.)  
 Placerville Area. (Part of Eldorado County.)  
 Red Bluff Area. (Parts of Butte and Tehama Counties.)  
 Riverside Area. (Parts of Riverside and San Bernardino Counties.)  
 Riverside County. (*See* Palo Verde Area and Riverside Area.)  
 Sacramento County. (*See* Sacramento-San Joaquin Delta Area and Suisun Area.)  
 Sacramento-San Joaquin Delta Area.  
 Salinas Area. (Part of Monterey and San Benito Counties.)  
 San Benito County. (*See* Salinas Area, Santa Cruz Area, and Hollister Area.)  
 San Bernardino County. (*See* Barstow Area, San Gabriel, Victorville, Pasadena, and Riverside Areas.)  
 San Diego Area. (Reconnaissance.)  
 San Diego County. (*See* Capistrano, El Cajon, and Oceanside Areas.)

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**California—Continued.**

- San Fernando Valley. (Part of Los Angeles County.)  
 San Francisco Bay Area. (Reconnaissance.)  
 San Gabriel Area. (Parts of Los Angeles and San Bernardino Counties.)  
 San Joaquin County. (See Lodi, Sacramento-San Joaquin Delta, and Tracy Areas.)  
 San Jose Area. (Parts of Alameda and Santa Clara Counties.)  
 San Luis Obispo Area. (Parts of San Luis Obispo and Santa Barbara Counties.)  
 San Luis Obispo County. (See San Luis Obispo Area and Santa Maria Area.)  
 Santa Ana Area. (Part of Orange County.)  
 Santa Barbara County. (See San Luis Obispo Area, Santa Maria, and Santa Ynez Areas.)  
 Santa Clara County. (See San Jose and Bilroy Areas.)  
 Santa Cruz Area. (All of Santa Cruz County and Parts of Monterey and San Benito Counties.)  
 Santa Cruz County. (See Santa Cruz Area.)  
 Santa Maria Area. (Parts of San Luis Obispo and Santa Barbara Counties.)  
 Santa Ynez Area. (Part of Santa Barbara County.)  
 Shasta Valley Area. (Part of Siskiyou County.)  
 Siskiyou County. (See Shasta Valley Area.)  
 Solano County. (See Dixon, Sacramento-San Joaquin Delta, and Suisun Area.)  
 Sonoma County. (See Hillsburg Area.)  
 Suisun Area. (Parts of Sacramento and Solano Counties.)  
 Tehama County. (See Red Bluff Area.)  
 Tracy Area. (Part of San Joaquin County.)  
 Tulare County. (See Pixley and Visalia Areas.)  
 Ukiah Area. (Part of Mendocino County.)  
 Upper San Joaquin Valley Area. (Reconnaissance.)  
 Ventura Area. (Parts of Los Angeles and Ventura Counties.)  
 Ventura County. (See Ventura Area.)  
 Victorville Area. (Part of San Bernardino County.)  
 Visalia Area. (Part of Tulare County.)  
 Wasco Area. (Part of Kern County.)  
 Willets Area. (Part of Mendocino County.)  
 Yolo County. (See Dixon Area.)

**Colorado:**

- Adams County. (See Brighton Area.)  
 Akron Area.  
 Arkansas Valley Area. (Part of Bent, Crowley, Freemont, Otero, Prowers, and Pueblo Counties.)  
 Bent County. (See Arkansas Valley and Lower Arkansas Valley Areas.)  
 Boulder County. (See Brighton and Longmont Areas.)  
 Brighton Area. (Parts of Adams, Boulder, and Jefferson Counties.)  
 Conejos County. (See San Luis Valley Area.)  
 Costilla County. (See San Luis Valley Area.)  
 Fort Collins Area.  
 Greeley Area. (Part of Larimer and Weld Counties.)  
 Jefferson County. (See Brighton Area.)  
 Larimer County. (See Greeley Area.)  
 Longmont Area. (Parts of Boulder and Weld Counties.)  
 Lower Arkansas Valley Area. (Parts of Bent, Otero, and Prowers Counties.)  
 Otero County. (See Arkansas Valley and Lower Arkansas Valley Areas.)  
 Prowers County. (See Arkansas Valley and Lower Arkansas Valley Areas.)  
 Rio Grande County. (See San Luis Valley Area.)  
 Saguache County. (See San Luis Valley Area.)  
 San Luis Valley. (Parts of Saguache, Conejos, Costilla, and Rio Grande Counties.)  
 Weld County. (See Greeley and Longmont Areas.)

**Connecticut:**

- New London County.  
 Windham County.

**Delaware:**

- Dover Area. (Part of Kent County.)  
 Kent County. (See also Dover Area.)  
 Sussex County.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Florida:**

Duval County.  
Lake County.  
Polk County.

**Georgia:**

Bainbridge County.  
Bartow County.  
Ben Hill County.  
Bibb County.  
Brooks County.  
Butts-Henry Counties.  
Calhoun County.  
Carroll County.  
Catoosa County.  
Chattahoochee County.  
Clarke County.  
Clay County.  
Colquitt County.  
Columbia County.  
Cook County.  
Covington Area. (Parts of Jasper, Morgan, Newton, Rockville, and Walton Counties.)  
Coweta and Fayette Counties.  
Crisp County.  
Dade County.  
Decatur County.  
De Kalb County.  
Dodge County.  
Dooly County.  
Dougherty County.  
Elbert County.  
Evans County. (*See* Taltnall County.)  
\*Fannin County. 15¢. For sale only.  
Fayette County. (*See* Coweta and Fayette Counties.)  
Floyd County.  
Fort Valley Area. (Parts of Macon and Houston Counties.)  
Franklin County.  
Glynn County.  
Gordon County.  
Habersham County.  
Hall County.  
Hart County.  
Henry County. (*See* Butts-Henry Counties.)  
Houston County. (*See* Fort Valley Area.)  
Jackson County.  
Jasper County.  
Jeff Davis County.  
Jefferson County.  
Jenkins County.  
Jones County.  
Lamar County.  
Laurens County.  
Lee County.  
Lowndes County.  
Macon County. (*See* Fort Valley Area.)  
Madison County.  
McDuffie County.  
McIntosh County.  
Meriweather County.  
Miller County.  
Mitchell County.  
Monroe County.  
Morgan County. (*See* Covington Area.)  
Muscogee County.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Georgia—Continued.**

Newton County. (*See* Covington Area.)  
 Pierce County.  
 Pike County.  
 Polk County.  
 Pulaski County.  
 Quitman County.  
 Rabun County.  
 Randolph County.  
 Richmond County.  
 Rockdale County.  
 Screven County.  
 Spalding County.  
 Stewart County.  
 Talbot County.  
 Tattnall County.  
 Terrell County.  
 Tift County.  
 Toombs County.  
 Troup County.  
 Turner County.  
 Walton County. (*See* Covington Area.)  
 Washington County.  
 Wayne County.  
 Wilkes County.  
 Worth County.

**Idaho:**

Ada County. (*See* Boise Area.)  
 Bannock County. (*See* Portneuf Area and Soda Springs-Bancroft Area.)  
 Bear Lake County. (*See* Bear Lake Valley Area.)  
 Bear Lake Valley Area. (Part of Bear Lake County.)  
 Benewah County.  
 Bingham County. (*See* Blackfoot-Aberdeen Area.)  
 Blackfoot-Aberdeen Area. (Part of Bingham County.)  
 Blaine County. (*See* Minidoka Area.)  
 Boise Area. (Parts of Ada and Canyon Counties.)  
 Bonner County.  
 Canyon County. (*See* Boise Area.)  
 Caribou County. (*See* Soda Springs-Bancroft Area.)  
 Cassia County. (*See* Mainidoka Area.)  
 Elmore County. (*See* Gooding Area.)  
 Gooding Area. (Parts of Elmore and Gooding Counties.)  
 Gooding County. (*See* Gooding Area.)  
 \*Jerome Area. (Part of Jerome County.) 15¢. For sale only.  
 Jerome County. (*See* Jerome Area and Minidoka Area.)  
 Kootenai County.  
 Latah County. (*See also* Lewiston Area.)  
 Lewis County. (*See* Nez Perce and Lewis Counties.)  
 Lewiston Area. (Parts of Nez Perce and Latah Counties.)  
 Minidoka Area. (Parts of Minidoka, Cassia, Jerome, and Blaine Counties.)  
 Minidoka County. (*See* Minidoka Area.)  
 Nez Perce and Lewis Counties.  
 Nez Perce County. (*See* Nez Perce and Lewis Counties and Lewiston Area.)  
 Portneuf Area. (Part of Bannock County.)  
 Soda Springs-Bancroft Area. (Parts of Bannock and Caribou Counties.)  
 Twin Falls Area. (Part of Twin Falls County.)  
 Twin Falls County. (*See* Twin Falls Area.)

**Illinois:**

Clinton County.  
 Jo Daviess County. (*See* Dubuque Area, Iowa.)  
 Johnson County.  
 Knox County.  
 Sangam County.

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**Illinois—Continued.**

St. Clair County.  
Will County.  
Winnebago County.

**Indiana:**

Adams County.  
Bartholomew County.  
Benton County.  
Blackford County.  
Boone County.  
Brown County.  
Clay County.  
Clinton County.  
Decatur County.  
Dubois County.  
Elkhart County.  
Fulton County.  
Gibson County.  
Grant County.  
Greene County.  
Hamilton County.  
Hancock County.  
Hendricks County.  
Jennings County.  
Johnson County.  
Knox County.  
Kosciusko County.  
Lake County.  
La Porte County.  
Lawrence County.  
Madison County.  
Marshall County.  
Martin County.  
Miami County.  
Monroe County.  
Newton County.  
Ohio and Switzerland Counties.  
Pike County.  
Porter County.  
Posey County.  
Putnam County.  
Randolph County.  
Rush County.  
Scott County.  
Starke County.  
Steuben County.  
Switzerland County. (*See* Ohio and Switzerland Counties.)  
Tipton County.  
Vanderburgh County.  
Vermillion County.  
Wales County.  
Warren County.  
Washington County.  
Wayne County.  
White County.

**Iowa:**

Adair County.  
Appanoose County.  
Audubon County.  
Benton County.  
Black Hawk County.  
Boone County.  
Bremer County.

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## Iowa—Continued.

Buchanan County.  
Buena Vista County.  
Butler County.  
Calhoun County.  
Carroll County.  
Cedar County.  
Cerro Gordo County.  
Chickasaw County.  
Clarke County.  
Clay County.  
Clayton County.  
Clinton County.  
Crawford County.  
Dallas County.  
Davis County.  
Decatur County.  
Delaware County.  
Des Moines County.  
Dickinson County.  
Dubuque Area. (Parts of Dubuque, Jackson, and Jones Counties, Iowa and Jo  
Davies County, Ill.)  
Dubuque County. (*See also* Dubuque Area.)  
Emmet County.  
Fayette County.  
Floyd County.  
Franklin County.  
Fremont County.  
Greene County.  
Grundy County.  
Guthrie County.  
Hamilton County.  
Hancock County.  
Hardin County.  
Harrison County.  
Henry County.  
Howard County.  
Ida County.  
Jackson County. (*See also* Dubuque Area.)  
Jasper County.  
Jefferson County.  
Johnson County.  
Jones County. (*See also* Dubuque Area.)  
Kossuth County.  
Lee County.  
Linn County.  
Louisa County.  
Lyon County.  
Madison County.  
Mahaska County.  
Marion County.  
Marshall County.  
Mills County.  
Mitchell County.  
Monroe County.  
Montgomery County.  
O'Brien County.  
Osceola County.  
Page County.  
Palo Alto County.  
Plymouth County.  
Pocahontas County.  
Polk County.  
Pottawattamie County.

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**Iowa—Continued.**

Poweshiek County.  
 Ringgold County.  
 Sac County.  
 Scott County.  
 Sioux County.  
 Story County.  
 Tama County.  
 Van Buren County.  
 Wapello County.  
 Warren County.  
 Washington County.  
 Wayne County.  
 Webster County.  
 Winnebago County.  
 Winneshiek County.  
 Woodbury County.  
 Worth County.  
 Wright County.

**Kansas:**

Allen County.  
 Bourbon County.  
 Brown County.  
 Cherokee County. (*See also* Parsons County.)  
 Clay County.  
 Cowley County.  
 Crawford County. (*See also* Parsons County.)  
 Doniphan County.  
 Finney County. (*See also* Garden City Area.)  
 Garden City Area. (Parts of Finney and Gray Counties.)  
 Gray County. (*See* Garden City Area.)  
 Greenwood County.  
 Johnson County.  
 Kingman County.  
 Labette County. (*See also* Parsons Area.)  
 Leavenworth County.  
 Marion County.  
 Montgomery County.  
 Neosho County.  
 Parsons Area. (Parts of Labette, Cherokee, and Crawford Counties.)  
 Reno County.  
 Riley County.  
 Russell Area. (Part of Russell County.)  
 Russell County. (*See* Russell Area.)  
 Wilson County.  
 Woodson County.

**Kentucky:**

Calloway County.  
 Fayette County.  
 Gerrard County.  
 Jessamine County.  
 Logan County.  
 Mercer County.  
 Muhlenberg County.  
 Rockcastle County.  
 Shelby County.  
 Union County.

**Louisiana:**

Acadia Parish.  
 Beauregard Parish.  
 Calcasieu Parish. (*See* Lake Charles Area.)  
 De Soto Parish.  
 East Feliciana Parish.

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**Louisiana—Continued.**

Iberia Parish.  
 Jefferson Parish. (*See New Orleans Area.*)  
 Lafayette Parish.  
 Lake Charles Area. (*Part of Calcasieu Parish.*)  
 La Salle Parish.  
 Livingston Parish.  
 Natchitoches Parish.  
 New Orleans Area. (*Part of Jefferson, Orleans, Plaquemines, St. Charles, and St. John the Baptist Parishes.*)  
 Orleans Parish. (*See New Orleans Area.*)  
 Ouachita Parish.  
 Plaquemines Parish. (*See New Orleans Area.*)  
 Rapids Parish.  
 Sabine Parish.  
 St. Charles Parish. (*See New Orleans Area.*)  
 St. John the Baptist Parish. (*See New Orleans Area.*)  
 St. Martin Parish.  
 Washington Parish.  
 \*Webster Parish. 15¢. For sale only.

**Maine:**

Arroostook Area. (*Part of Arroostook County.*)  
 Arroostook County. (*See Arroostook and Caribou Areas.*)  
 Caribou Area. (*Part of Arroostook County.*)  
 Cumberland County.  
 Orono Area. (*Part of Penobscot County.*)  
 Penobscot County. (*See Orono Area.*)

**Maryland:**

Allegany County.  
 Anne Arundel County.  
 Baltimore County.  
 Calvert County.  
 Caroline County.  
 Cecil County.  
 Charles County.  
 Dorchester County.  
 Frederick County.  
 Garrett County.  
 Harford County.  
 Kent County.  
 Montgomery County.  
 Prince Georges County.  
 Queen Annes County.  
 Somerset County.  
 St. Mary's County.  
 Talbot County.  
 Washington County.  
 Wicomico County.  
 Worcester County.

**Massachusetts:**

Barnstable County. (*See Norfolk, Bristol and Barnstable Counties.*)  
 Bristol County. (*See Norfolk, Bristol, and Barnstable Counties.*)  
 Dukes and Nantucket Counties.  
 Essex County.  
 Franklin County.  
 Hampden and Hampshire Counties.  
 Hampden County. (*See Hampden and Hampshire Counties.*)  
 Hampshire County. (*See Hampden and Hampshire Counties.*)  
 Middlesex County.  
 Nantucket County. (*See Dukes and Nantucket Counties.*)  
 Norfolk, Bristol, and Barnstable Counties.  
 Norfolk County. (*See Norfolk, Bristol, and Barnstable Counties.*)  
 Worcester County.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Michigan:**

Alger County. (*See* Munising Area.)  
Allegan County.  
Alma Area. (Part of Gratiot County.)  
Alpena County.  
Antrim County.  
Barry County.  
Bay County. (*See also* Saginaw Area.)  
Berrien County.  
Branch County.  
Calhoun County.  
Cheboygan County.  
Chippewa County.  
Clinton County.  
Crawford County.  
Eaton County.  
Gratiot County. (*See* Alma Area.)  
Hillsdale County.  
Huron County. (*See* Saginaw Area.)  
Ingham County.  
Iron County.  
Jackson County.  
Kalamazoo County.  
Kent County.  
Luce County.  
Macomb County.  
Manistee County.  
Mason County.  
Menominee County.  
Montmorency County.  
Munising Area. (Part of Alger County.)  
Muskegon County.  
Oakland County. (*See* Pontiac and Oakland Areas.)  
Oceana County.  
Ogemaw County.  
Oscoda County.  
Ottawa County.  
Owosso Area. (Part of Shiawassee County.)  
Oxford Area. (Part of Oakland County.)  
Pontiac Area. (Part of Oakland County.)  
Roscommon County.  
Saginaw Area. (Parts of Saginaw, Bay, Huron, and Tuscola Counties.)  
Saginaw County.  
Schoolcraft County.  
Shiawassee County. (*See* Owosso Area.)  
St. Clair County.  
St. Joseph County.  
Tuscola County. (*See also* Saginaw Area.)  
Van Buren County.  
Washtenaw County.  
Wexford County.

**Minnesota:**

Anoka County.  
Clay County. (*See* Red River Valley Area.)  
Goodhue County.  
Hennepin County.  
Houston County.  
Hubbard County.  
Kanabec County.  
Kittson County. (*See* Red River Valley Area.)  
Lac Qui Parle County.  
Lyon County. (*See* Marshall Area.)  
Marshall Area. (Part of Lyon County.)  
Marshall County. (*See* Red River Valley Area.)

**Minnesota—Continued.**

Mille Lacs County.  
 Norman County. (*See Red River Valley Area.*)  
 Olmsted County.  
 Pennington County.  
 Pine County.  
 Polk and Red Lake Counties. (*See Red River Valley Area.*)  
 Polk County. (*See Red River Valley Area.*)  
 Red River Valley Area. (Clay, Kittson, Marshall, Norman, Polk, Red Lake, Traverse, and Wilkin Counties.) (*Reconnaissance.*)  
 Rice County.  
 Roseau County.  
 Stevens County.  
 Traverse County. (*See Red River Valley Area.*)  
 Wadena County.  
 Wilkin County. (*See Red River Valley Area.*)

**Mississippi:**

Alcorn County.  
 Amite County.  
 Choctaw County.  
 Clarke County.  
 Clay County.  
 Coahoma County.  
 Covington County.  
 George County.  
 Greene County.  
 Grenada County.  
 Hancock County.  
 Harrison County.  
 Hinds County.  
 Issaquena County. (*See Yazoo Area.*)  
 Jackson County.  
 Jefferson Davis County.  
 Lafayette County.  
 Lamar County.  
 Lauderdale County.  
 Lincoln County.  
 Madison County. (*See also Smedes Area.*)  
 Marion County.  
 Monroe County.  
 Montgomery County.  
 Newton County.  
 Perry County.  
 Pike County.  
 \*Rankin County. 20¢. For sale only.  
 Sharkey County. (*See Yazoo Area.*)  
 Simpson County.  
 Smedes Area. (Parts of Yazoo, Madison, Issaquena, and Sharkey Counties.)  
 Smith County.  
 Tishomingo County.  
 Winston County.  
 Yazoo Area. (Parts of Yazoo, Sharkey, Issaquena Counties.)  
 Yazoo County. (*See Smedes and Yazoo Areas.*)

**Missouri:**

Andrew County.  
 Atchison County.  
 Barry County.  
 Barton County.  
 Callaway County.  
 Carroll County.  
 Cass County.  
 Cedar County.  
 Chariton County.

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**Missouri—Continued.**

Cole County.  
 Cooper County.  
 De Kalb County.  
 Dunklin County.  
 Greene County.  
 Grundy County.  
 Harrison County.  
 Howell County.  
 Johnson County.  
 Knox County.  
 Laslede County.  
 Lafayette County.  
 Lawrence County.  
 Lincoln County.  
 Linn County. (Reconnaissance.)  
 Marion County.  
 Miller County.  
 Mississippi County.  
 Newton County.  
 Nodaway County.  
 Pemiscot County.  
 Perry County.  
 Pettis County.  
 Pike County.  
 Polk County.  
 Ralls County.  
 Ray County.  
 Reynolds County.  
 St. Francois.  
 St. Louis County.  
 Stoddard County.  
 Texas County.  
 Webster County.

**Montana:**

Big Horn Valley Area.  
 Blaine County. (*See Milk River Area.*)  
 Custer County. (*See Middle Yellowstone Valley Area.*)  
 Dawson County. (*See Lower Yellowstone Valley Area.*)  
 Gallatin Valley Area. (Part of Gallatin County.)  
 Hill County. (*See Milk River Area.*)  
 Lake County. (*See Lower Flathead Valley Area.*)  
 Lower Flathead Valley Area. (Parts of Lake, Missoula, and Sanders Counties.)  
 Lower Yellowstone Valley Area. (Parts of Dawson, Prairie, and Richland Counties, Montana; and McKenzie County, North Dakota.)  
 Meagher County. (*See Upper Musselshell Valley Area.*)  
 Middle Yellowstone Valley Area. (Parts of Custer, Rosebud, and Treasure Counties.)  
 Milk River Area. (Parts of Blaine, Hill, Phillips, and Valley Counties.)  
 Missoula County. (*See Lower Flathead Valley Area.*)  
 Northern Plains of Montana. (Blaine, Chouteau, Daniels, Hill, Liberty, Phillips, Roosevelt, Sheridan, Toole, and Valley Counties, and Parts of Glacier, Pondera, and Teton Counties.) (Reconnaissance.)  
 Phillips County. (*See Milk River Area.*)  
 Prairie County. (*See Lower Yellowstone Valley Area.*)  
 Richland County. (*See Lower Yellowstone Valley Area.*)  
 Rosebud County. (*See Middle Yellowstone Valley Area.*)  
 Sanders County. (*See Lower Flathead Valley Area.*)  
 Treasure County. (*See Middle Yellowstone Valley Area.*)  
 Valley County. (*See Milk River Area.*)  
 Upper Musselshell Valley Area. (Parts of Meagher and Wheatland Counties.)  
 Wheatland County. (*See Upper Musselshell Valley Area.*)

**Nebraska:**

Adams County.

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## Nebraska—Continued.

- Antelope County.
- Banner County.
- Boone County.
- Box Butte County.
- Boyd County.
- Brown County.
- Buffalo County. (*See* Kearney Area.)
- Burt County.
- Butler County.
- Cass County.
- Cedar County.
- Colfax County.
- Cuming County.
- Custer County.
- Dakota County.
- Dawes County.
- Dawson County. (*See also* Kearney Area.)
- Deuel County.
- Dixon County.
- Dundy County.
- Filmore County.
- \*Franklin County. 15¢. For sale only.
- Frontier County.
- Furnas County.
- Gage County.
- Garden County.
- Garfield County.
- Gosper County. (*See also* Kearney Area.)
- Greely County.
- \*Hamilton County. 15¢. For sale only.
- \*Harlan County. 25¢. For sale only.
- Hayes County.
- Hitchcock County.
- Holt County.
- Howard County.
- Jefferson County.
- Johnson County.
- Kearney Area. (Parts of Dawson, Buffalo, Phelps, Kearney, and Gosper Counties.)
- \*Kearney County. (*See also* Kearney Area.) 15¢. For sale only.
- Keya Peha County.
- Kimball County.
- Knox County.
- Lancaster County.
- Lincoln County. (*See also* North Platte Area.)
- Loup County.
- Madison County. (*See also* Stanton Area.)
- Merrick County.
- Morrill County.
- Nance County.
- Pawnee County.
- Perkins County.
- Phelps County. (*See also* Kearney Area.)
- Pierce County. (*See* Stanton Area.)
- Platte County.
- Polk County.
- Richardson County.
- Rock County.
- Saline County.
- Sarpy County.
- Scotts Bluff County. (*See* Fort Laramie Area, Wyo.)
- Seward County.
- Sheridan County.
- Sherman County.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Nebraska—Continued.**

Sioux County.  
 Stanton Area. (Parts of Pierce, Madison, Stanton, and Wayne Counties.)  
 Stanton County. (*See also* Stanton Area.)  
 Valley County.  
 Wayne County. (*See also* Stanton Area.)  
 Webster County.  
 Wheeler County.  
 York County.

**Nevada:**

Clark County. (*See* Moapa Valley and Las Vegas Areas.)  
 Las Vegas Area. (Part of Clark County.)  
 Moapa Valley Area. (Part of Clark County.)

**New Hampshire:**

Coos County.  
 Grafton County.  
 Hillsboro County. (*See* Nashua Area.)  
 Nashua Area. (Part of Hillsboro County.)

**New Jersey:**

Atlantic County. (*See* Camden and Millville Areas.)  
 Bergen Area. (Bergen, Hudson Counties and Parts of Essex, Middlesex, Morris, Passaic, and Union Counties.)  
 Bergen County. (*See* Bergen Area.)  
 Bernardsville Area. (Parts of Hunterdon, Middlesex, Morris, Somerset, Sussex, and Union Counties.)  
 Burlington County. (*See* Camden and Trenton Areas.)  
 Camden Area. (Parts of Atlantic, Burlington, Camden, Cumberland, Gloucester, and Salem Counties.)  
 Camden County. (*See* Camden Area.)  
 Cape May County. (*See* Millville Area.)  
 Cumberland County. (*See* Camden, Salem and Millville Areas.)  
 Essex County. (*See* Bergen Area.)  
 Freehold Area. (Parts of Monmouth and Middlesex Counties.)  
 Gloucester County. (*See* Camden, Salem, and Millville Areas.)  
 Hudson County. (*See* Bergen Area.)  
 Hunterdon County. (*See* Trenton and Bernardsville Areas.)  
 Mercer County. (*See* Trenton Area.)  
 Middlesex County. (*See* Freehold, Bergen, Bernardsville, and Trenton Areas.)  
 Millville Area. (Cape May County and Parts of Atlantic, Cumberland, Gloucester, and Salem Counties.)  
 Monmouth County. (*See* Freehold and Trenton Areas.)  
 Morris County. (*See* Bergen and Bernardsville Areas.)  
 Ocean County. (*See* Trenton Area.)  
 Passaic County. (*See* Bergen Area.)  
 Salem Area. (Parts of Cumberland, Gloucester, and Salem Counties.)  
 Salem County. (*See* Camden, Millville, and Salem Areas.)  
 Somerset County. (*See* Trenton and Bernardsville Areas.)  
 Trenton Area. (Parts of Burlington, Hunterdon, Ocean, Somerset, Mercer, Middlesex, and Monmouth Counties.)  
 Union County. (*See* Bergen and Bernardsville Areas.)

**New Mexico:**

Bernalillo County. (*See* Middle Rio Grande Valley Area.)  
 Chaves County. (*See* Roswell Area.)  
 De Baca County. (*See* Fort Sumner Area.)  
 Deming Area. (Part of Luna County.)  
 Dona Ana County. (*See* Mesilla Valley Area.)  
 Fort Sumner Area. (Part of De Baca County.)  
 Lea County. (*See* Lovington Area.)  
 Lovington Area. (Part of Lea County.)  
 Luna County. (*See* Deming Area.)  
 Mesilla Valley Area. (Parts of Dona Ana County, New Mexico, and El Paso County, Texas.)

**New Mexico—Continued.**

Middle Rio Grande Valley Area. (Parts of Bernalillo, Sandoval, Socorro, and Valencia Counties.)

Rincon Area.

Roswell Area. (Part of Chaves County.)

Sandoval County. (*See* Middle Rio Grande Valley Area.)

Socorro County. (*See* Middle Rio Grande Valley Area.)

Socorro and Rio Puerco Areas.

Valencia County. (*See* Middle Rio Grande Valley Area.)

**New York:**

Albany and Schenectady Counties.

Auburn Area. (Part of Cayuga County.)

Binghamton Area. (Part of Broome County.)

Broome County. (*See also* Binghamton Area.)

Cattaraugus County.

Cayuga County. (*See also* Auburn Area.)

Chautauqua County. (*See also* Westfield Area.)

Chemung County.

Clinton County.

Columbia County.

Delaware County.

Erie County.

Genesee County.

Herkimer County.

Monroe County.

Nassau County. (*See* Suffolk and Nassau Counties.)

Niagara County.

Oneida County.

Onondaga County.

Ontario County.

Orleans County.

Oswego County.

Otsego County.

Putnam County. (*See* White Plains Area.)

Rensselaer County.

Rockland County. (*See* White Plains Area.)

Saratoga County.

Schoharie County.

Seneca County.

Steuben County.

St. Lawrence County.

Suffolk and Nassau Counties.

Suffolk County. (*See* Suffolk and Nassau Counties.)

Sullivan County.

Tompkins County.

Ulster County.

Westchester County. (*See* White Plains Area.)

Westfield Area. (Part of Chautauqua County.)

White Plains Area. (Putnam, Rockland, and Westchester Counties.)

Wyoming County.

Yates County.

**North Carolina:**

Alleghany County.

Anson County.

Ashe County.

Beaufort County.

Bertie County.

Bladen County.

Brunswick County.

Burke County.

Cabarrus County.

Caldwell County.

Camden and Currituck Counties.

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## North Carolina—Continued.

Carteret County.  
Caswell County.  
Chatham County.  
Cherokee County.  
Clay County.  
Cleveland County.  
Columbus County.  
Craven County.  
Cumberland County.  
Currituck County. (*See* Camden and Currituck Counties.)  
Davidson County.  
Davie County.  
Durham County.  
Edgecombe County.  
Franklin County.  
Gaston County.  
Gates County.  
Greene County.  
Guilford County.  
Halifax County.  
Haywood County.  
Henderson County.  
Hertford County.  
Hoke County.  
Jackson County.  
Johnston County.  
Jones County.  
Lee County.  
Lenoir County.  
Macon County.  
Madison County.  
Martin County.  
Mecklenburg County.  
Montgomery County.  
Moore County.  
Nash County.  
Northampton County.  
Onslow County.  
Pamlico County.  
Perquimans County. (*See* Perquimans and Pasquotank Counties.)  
Perquimans and Pasquotank Counties.  
Person County.  
Pitt County.  
Polk County.  
Robeson County.  
Rockingham County.  
Rowan County.  
Rutherford County.  
Sampson County.  
Stanly County.  
Stokes County.  
Surry County.  
Swain County.  
Transylvania County.  
Tyrrell County.  
Union County.  
Vance County.  
Wake County.  
Warren County.  
Washington County.  
Watauga County.  
Wayne County.  
Wilkes County.

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**North Carolina—Continued.**

Wilson County.  
Yadkin County.

**North Dakota:**

Adams County. (*See* Morton Area.)  
Barnes County.  
Billings County.  
Bottineau County.  
Cando Area. (Part of Towner County.)  
Carrington Area. (Parts of Foster and Griggs Counties.)  
Cass County. (*See* Fargo Area.)  
Dickey County.  
Fargo Area. (Part of Cass County.)  
Foster County. (*See* Carrington Area.)  
Grand Forks Area. (Part of Grand Forks County.)  
Grand Forks County. (*See* Grand Forks Area.)  
Griggs County. (*See* Carrington Area.)  
Hettinger County. (*See* Morton Area.)  
Lamoure County.  
McHenry County.  
McKenzie County. (*See also* Lower Yellowstone Valley Area, Montana.)  
Morton Area. (Parts of Adams, Hettinger, and Morton Counties.)  
Morton County. (*See also* Morton Area.)  
Ransom County.  
Sargent County.  
Towner County. (*See* Cando Area.)  
Traill County.  
Williams County. (*See* Williston Area.)  
Williston Area. (Part of Williams County.)

**Ohio:**

Adams County.  
Athens County.  
Auglaize County.  
Belmont County.  
Brown County.  
Butler County.  
Clermont County.  
Coshocton County.  
Fulton County.  
Geauga County.  
Hamilton County.  
Lake County.  
Licking County.  
Logan County.  
Lucas County.  
Marion County.  
Medina County. (*See* Wooster Area.)  
Meigs County.  
Miami County.  
Montgomery County.  
Muskingum County.  
Ottawa County.  
Paulding County.  
Portage County.  
Putnam County.  
Scioto County.  
Stark County. (*See also* Wooster Area.)  
Summit County. (*See* Wooster Area.)  
Trumbull County.  
Vinton County.  
Washington County.  
Wayne County. (*See* Wooster Area.)  
Wooster Area. (Parts of Medina, Stark, Summit, and Wayne Counties.)

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**Oklahoma:**

Alfalfa County.  
 Bryan County.  
 Carter County.  
 Choctaw County.  
 Craig County.  
 Garfield County.  
 Grant County.  
 Greer County.  
 Kiowa County.  
 Le Flore County.  
 Major County.  
 Mayes County.  
 McIntosh County.  
 Murray County.  
 Payne County.  
 Pittsburg County.  
 Pontotoc County.  
 Texas County.  
 Tillman County.  
 Tulsa County.  
 Washita County.  
 Woodward County.

**Oregon:**

Baker City Area. (Parts of Baker and Union Counties.)  
 Baker County. (See Baker City Area.)  
 Benton County.  
 Clackamas County.  
 Columbia County.  
 Coos County. (See Marshfield Area.)  
 Curry County. (See Marshfield Area.)  
 Eugene Area. (Part of Lane County.)  
 Grand Ronde Valley Area. (Part of Union County.)  
 Hood River-White Salmon River Area. (Parts of Hood River County, Oregon,  
 and Klickitat and Shumana Counties, Washington.)  
 Jackson County. (See Medford Area.)  
 Josephine County.  
 Lane County. (See Eugene Area.)  
 Linn County.  
 Marshfield Area. (Parts of Coos and Curry Counties.)  
 Marion County.  
 Medford Area. (Part of Jackson County.)  
 Multnomah County.  
 Polk County.  
 Umatilla Area.  
 Union County. (See Baker City Area and Grand Ronde Valley Area.)  
 Washington County.  
 Yamhill County.

**Pennsylvania:**

Armstrong County.  
 Bedford County. (See also Johnstown Area.)  
 Blair County. (See also Johnstown Area.)  
 Bradford County.  
 Bucks County. (See also Trenton Area, New Jersey.)  
 Cambria County. (See also Johnstown Area.)  
 Clearfield County.  
 Clinton County. (See Lockhaven Area.)  
 Dauphin County. (See Lebanon Area.)  
 Erie County.  
 Franklin County.  
 Greene County.  
 Huntingdon County.  
 Indiana County.

**Pennsylvania—Continued.**

Johnstown Area. (Parts of Blair, Bedford, and Cambria Counties.)  
Lancaster Area. (Part of Lancaster County.)  
Lancaster County. (*See also* Lancaster and Lebanon Area.)  
Lebanon Area. (Parts of Dauphin, Lancaster, and Lebanon Counties.)  
Lebanon County. (*See* Lebanon Area.)  
Lehigh County.  
Lockhaven Area. (Part of Clinton County.)  
Lycoming County.  
Mercer County.  
Tioga County.  
Union County.  
Wayne County.  
Wyoming County.

**Puerto Rico:**

\*\$3.25. For sale only.

**Rhode Island:**

Bristol County. (*See* Newport and Bristol Counties.)  
Kent and Washington Counties.  
Newport and Bristol Counties.  
Providence County.  
Washington County. (*See* Kent and Washington Counties.)

**South Carolina:**

Abbeville County.  
Anderson County.  
Berkeley County.  
Dillon County.  
Dorchester County.  
Edgefield County.  
Greenville County.  
Greenwood County.  
Hampton County.  
Kershaw County.  
Lexington County.  
Marlboro County.  
Newberry County.  
Pickens County.  
Richland County.  
Spartanburg County.  
Sumter County.  
Williamsburg County.  
York County.

**South Dakota:**

Beadle County.  
Brown County.  
Douglas County.  
Grant County.  
Hyde County.  
McCook County.  
Moody County.  
Union County.  
Walworth County.

**Tennessee:**

Bedford County.  
Claiborne County.  
Coffee County.  
Davidson County.  
Dickson County.  
Hamblen County.  
Hamilton County.  
Hardin County.  
Henry County.

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**Tennessee—Continued.**

Humphreys County.  
Jackson County.  
Jefferson County.  
Lawrence County.  
Lincoln County.  
Maury County.  
Meigs County.  
Oakton County.  
Rhea County.  
Roane County.  
Robertson County.  
Shelby County.

**Texas:**

Archer County.  
Bee County.  
Bell County.  
Bowie County.  
Brazos County.  
Brown County.  
Cameron County.  
Camp County.  
Cass County.  
Coleman County.  
Collin County.  
Cooper Area. (Delta County and Part of Lamar County.)  
Dallas County.  
Delta County. (*See* Cooper Area.)  
Denton County.  
Dickens County.  
Dimmit County.  
Eastland County.  
El Paso County. (*See* Mesilla Valley Area, New Mexico.)  
Ellis County.  
Erath County.  
Falls County.  
Fannin County.  
Franklin County.  
Frio County.  
Galveston County.  
Hardeman County.  
Harris County.  
Henderson Area. (Part of Rusk County.)  
Hidalgo County.  
Hunt County.  
Jefferson County.  
Kaufman County.  
Lamar County. (*See* Cooper Area.)  
Lee County.  
Lubbock County.  
Maverick County.  
Midland County.  
Milam County.  
Morris County.  
Nacogdoches Area. (Part of Nacogdoches County.)  
Nacogdoches County. (*See also* Nacogdoches Area.)  
Northwest Texas Area. (Reconnaissance.)  
Polk County.  
Potter County.  
Randall County.  
Rusk County. (*See* Henderson Area.)  
San Saba County.  
Scurry County.  
South Central Texas Area. (Reconnaissance.)

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## Texas—Continued.

Tarrant County.  
 Taylor County.  
 Titus County.  
 Tyler County. (*See* Woodville Area.)  
 Van Zandt County.  
 Vernon Area. (Part of Wilbarger County.)  
 Victoria County.  
 Washington County.  
 West Central Texas Area. (Reconnaissance.)  
 Wheeler County.  
 Wichita County.  
 Wilbarger County. (*See* Vernon Area.)  
 Willacy County.  
 Williamson County.  
 Wilson County.  
 Woodville Area. (Part of Tyler County.)  
 Zavalla County.

## Utah:

Ashley Valley Area.  
 Bear River Area. (Part of Box Elder County.)  
 Box Elder County. (*See* Bear River Area.)  
 Carbon County. (*See* Price Area.)  
 Delta Area. (Part of Millard County.)  
 Emery County. (*See* Price Area.)  
 Millard County. (*See* Delta Area.)  
 Price Area. (Parts of Carbon and Emery Counties.)  
 Provo Area. (Part of Utah County.)  
 Salt Lake Valley Area.  
 Salt Lake County. (*See* Salt Lake Valley Area.)  
 Uintah County. (*See* Uintah River Valley Area.)  
 Uintah River Valley Area.  
 Utah County. (*See* Provo Area.)  
 Virgin River Valley Area.  
 Washington County. (*See* Virgin River Valley Area.)

## Vermont:

Entire State. (Reconnaissance.)  
 Windsor County.

## Virginia:

Accomac and Northampton Counties.  
 Albemarle County.  
 Amelia County. (*See* Prince Edward Area.)  
 Appomattox County.  
 Augusta County.  
 Charlotte County. (*See* Prince Edward Area.)  
 Grayson County.  
 Halifax County.  
 Henrico County.  
 Isle of Wight County.  
 Lunenburg County. (*See* Prince Edward Area.)  
 Montgomery County.  
 Nansemond County.  
 Northampton County. (*See* Accomac and Northampton Counties.)  
 Nottoway County. (*See* Prince Edward Area.)  
 Pittsylvania County.  
 Prince Edward Area. (Parts of Amelia, Charlotte, Lunenburg, Nottoway, and Prince Edward Counties.)  
 Prince Edward County. (*See* Prince Edward Area.)  
 Princess Anne County.  
 Rockbridge County.  
 Russell County.  
 Smyth County.

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**Virginia—Continued.**

Southampton County.  
Tazewell County.  
Washington County

**Washington:**

Bellingham Area. (Part of Whatcom County.)  
Benton County.  
Columbian Basin Area. (Franklin County, and parts of Adams, Grant, Lincoln, and Walla Walla Counties.) (Reconnaissance.)  
Franklin County.  
Grant County. (*See* Quincy Area.)  
Hood River-White Salmon River Area, Oregon, Washington. (Parts of Hood River County, Oregon, and Klickitat and Skamania Counties, Washington.)  
Kitsap County.  
Kittitas County.  
Klickitat County. (*See* Hood River-White Salmon River Area, Oregon, Washington.)  
Quincy Area. (Part of Grant County.)  
Skamania County. (*See* Hood River-White Salmon River Area, Oregon, Washington.)  
Snohomish County.  
Spokane County.  
Stevens County.  
Whatcom County. (*See* Bellingham Area.)  
Yakima Area. (Part of Yakima County.)  
Yakima County. (*See* Yakima Area.)

**West Virginia:**

Barbour and Upshur Counties.  
Berkeley County. (*See* Jefferson, Berkeley, and Morgan Counties.)  
Boone County.  
Braxton and Clay Counties.  
Brooke County. (*See* Wheeling Area.)  
Cabell County. (*See* Huntington Area.)  
Calhoun County. (*See* Spencer Area.)  
Clarksburg Area. (Harrison and Doddridge Counties.)  
Clay County. (*See* Braxton and Clay Counties.)  
Doddridge County. (*See* Clarksburg Area.)  
Fayette County.  
Gilmer County. (*See* Lewis and Gilmer Counties.)  
Grant and Mineral Counties.  
Greenbrier County.  
Hampshire County.  
Hancock County. (*See* Wheeling Area.)  
Hardy and Pendleton Counties.  
Harrison County. (*See* Clarksburg Area.)  
Huntington Area. (Cabell, Lincoln, and Wayne Counties.)  
Jackson County. (*See* Point Pleasant Area.)  
Jefferson, Berkeley, and Morgan Counties.  
Jefferson County. (*See* Jefferson, Berkeley, and Morgan Counties.)  
Lewis and Gilmer Counties.  
Lincoln County. (*See* Huntington Area.)  
Marion County. (*See* Morgantown Area.)  
Marshall County. (*See* Middlebourne and Wheeling Areas.)  
Mason County. (*See* Point Pleasant Area.)  
McDowell and Wyoming Counties.  
Mercer County.  
Middlebourne Area. (Marshall, Tyler, and Wetzel Counties.)  
Mineral County. (*See* Grant and Mineral Counties.)  
Monongalia County. (*See* Morgantown Area.)  
Monroe County.  
Morgan County. (*See* Jefferson, Berkeley, and Morgan Counties.)  
Morgantown Area. (Marion, Monongalia, and Taylor Counties.)  
Nicholas County.

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## West Virginia—Continued.

Ohio County. (*See* Wheeling Area.)  
 Pendleton County. (*See* Hardy and Pendleton Counties.)  
 Pocahontas County.  
 Point Pleasant Area. (Jackson, Mason, and Putnam Counties.)  
 Preston County.  
 Putnam County. (*See* Point Pleasant Area.)  
 Randolph County.  
 Roane County. (*See* Spencer Area.)  
 Spencer Area. (Calhoun, Roane, and Wirt Counties.)  
 Summers County.  
 Taylor County. (*See* Morgantown Area.)  
 Tucker County.  
 Tyler County. (*See* Middlebourne Area.)  
 Upshur County. (*See also* Barbour and Upshur Counties.)  
 Wayne County. (*See* Huntington Area.)  
 Webster County.  
 Wetzel County. (*See* Middlebourne Area.)  
 Wheeling Area. (Brooke, Hancock, and Ohio Counties and Part of Marshall County.)  
 Wirt County. (*See* Spencer Area.)  
 Wyoming County. (*See* McDowell and Wyoming Counties.)

## Wisconsin:

Adams County.  
 Ashland County. (*See* Bayfield Area.)  
 Bayfield Area. (Parts of Bayfield and Ashland Counties.)  
 Bayfield County. (*See* Bayfield Area.)  
 Brown County.  
 Buffalo County.  
 Calumet County.  
 Columbia County.  
 Crawford County.  
 Dane County. (*See also* Janesville Area.)  
 Door County.  
 Fond du Lac County.  
 Green County.  
 Green Lake County.  
 Iowa County.  
 Jackson County.  
 Janesville Area. (Parts of Dane and Rock Counties.)  
 Jefferson County.  
 Kenosha and Racine Counties.  
 Kewaunee County.  
 La Crosse County.  
 Manitowoc County.  
 Marinette County. (Reconnaissance.)  
 Milwaukee County.  
 Monroe County. (*See also* Viroqua Area.)  
 North Part North-Central Wisconsin. (Iron, Oneida, Price, and Vilas Counties and parts of Ashland and Rusk Counties.) (Reconnaissance.)  
 Outagamie County.  
 Ozaukee County. (*See* Washington and Ozaukee Counties.)  
 Pierce County.  
 Portage County.  
 Racine County. (*See* Kenosha and Racine Counties.)  
 Rock County. (*See also* Janesville Area.)  
 Sauk County.  
 Sheboygan County.  
 South Part North-Central Wisconsin. (Clark, Lincoln, Marathon, and Taylor Counties.) (Reconnaissance.)  
 Trempealeau County.  
 Vernon County. (*See also* Viroqua Area.)  
 Viroqua Area. (Parts of Monroe and Vernon Counties.)  
 Walworth County.



**Wisconsin—Continued.**

Washington and Ozaukee Counties.  
 Waupaca County.  
 Washara County.  
 Winnebago County.  
 Wood County.

**Wyoming:**

Albany County. (*See* Laramie Area.)  
 Basin Area. (Parts of Big Horn, Park, and Washakie Counties.)  
 Big Horn County. (*See* Basin and Shoshone Areas.)  
 Johnson County.  
 Laramie Area. (Part of Albany County.)  
 Park County. (*See* Basin and Shoshone Areas.)  
 Platte County. (*See* Wheatland Area.)  
 Sheridan County.  
 Shoshone Area. (Parts of Big Horn and Park Counties.)  
 Uinta County.  
 Washakie County. (*See* Basin Area.)  
 Wheatland Area. (Part of Platte County.)

**STATISTICS****Circulars:**

- C 641. Fuel wood used in the United States 1630-1930. 1942.  
 \*C 645. Low-priced milk and the consumption of dairy products among low-income families, Washington, D. C., 1940. 1942. 10¢.  
     For sale only.  
 \*C 689. Fertilizer consumption in 1941 and trends in usage. 1943. 10¢.  
     For sale only.  
 C 756. Consumption and trends in the use of fertilizer in the year ended June 30, 1944. 1946.

**Commodity Statistics:**

- CS 1. Corn future statistics, January 1940—September 1942. 1943.  
 CS 2. Cotton futures statistics, January 1940—September 1942. 1943.  
 CS 3. Livestock, meats, and wool market statistics and related data, 1942. 1943.  
 CS 4. Dairy and poultry market statistics, 1942. 1943.  
 CS 5. Cotton quality statistics, United States, 1942-43. 1943.  
 CS 6. Annual report of tobacco statistics, 1943. 1943.  
 CS 7. Commodity futures statistics, July 1942—June 1943. 1944.  
 CS 8. Livestock, meats, and wool market statistics, 1943. 1944.  
 CS 10. Cotton quality statistics, United States, 1943-44. 1944.  
 CS 11. Commodity futures statistics, July 1943—June 1944. 1944.  
 CS 12. Annual report on tobacco statistics, 1944. 1944.  
 CS 13. Dairy and poultry market statistics, 1944. 1945.  
 CS 14. Livestock, meats, and wool market statistics and related data 1944. 1945.  
 CS 15. Cotton quality statistics, United States, 1944-45. 1945.  
 \*CS 18. Dairy and poultry market statistics, 1945. 1946. 25¢. For sale only.  
 CS 23. Dairy and poultry market statistics, 1946. 1947.  
 CS 24. Livestock market news statistics and related data, 1946. 1947.  
 CS 25. Annual report on tobacco statistics, 1947. 1947.  
 CS 26. Cotton quality statistics, United States, 1946-47. 1947.  
 CS 29. Livestock market news statistics and related data 1947. 1948.  
 CS 30. Tobaccos of the United States: Acreage, yield per acre, production, price, and value by states, 1866-1945 and by types and classes, 1919-1945. 1948.

**Miscellaneous Publications:**

- M 264. A graphic summary of farm machinery, facilities, roads, and expenditures. (Based largely on the census of 1930 and 1935.) 1937.  
 \*M 581. High-level food consumption in the United States. 1945. 10¢.  
     For sale only.

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**Miscellaneous Publications—Continued.**

- \*M 586. Fertilizers and lime in the United States: Resources, production, marketing and use. 1946. 20¢. For sale only.
- M 593. Prewar world production and consumption of plant foods in fertilizers. 1946.
- \*M 616. Nutritive value of the per capita food supply, 1909-45. 1947. 20¢. For sale only.

**Separates from Agricultural Statistics:**

- SA 51. Statistics of grains. 1941.
- SA 52. Statistics of cotton, sugar, and tobacco. 1941.
- SA 53. Statistics of fruits, vegetables, melons, and tree nuts. 1941.
- SA 54. Statistics of miscellaneous crops. 1941.
- SA 56. Dairy and poultry statistics. 1941.
- SA 57. Foreign trade of the United States in agricultural products. 1941.
- \*SA 59. Statistics of miscellaneous crops. 1941. 10¢. For sale only.
- SA 61. Statistics of grains. 1942.
- SA 62. Statistics of cotton, sugar, and tobacco. 1942.
- SA 65. Statistics of hay, seeds, and minor field crops. 1942.
- SA 68. Foreign trade of the United States in agricultural products. 1942.
- SA 69. Farm capital and income statistics. 1942.
- SA 70. Agricultural adjustment and conservation statistics. 1942.
- SA 71. Miscellaneous agricultural statistics. 1942.
- SA 72. Approximate or average weights of various commodities and other conversion factors. 1943.
- SA 73. Statistics of grains. 1943.
- SA 74. Statistics of cotton, sugar, and tobacco. 1943.
- SA 75. Statistics of oilseeds, fats, and oils. 1943.
- SA 76. Statistics of fruits, vegetables, melons, and tree nuts. 1943.
- SA 77. Statistics of hay, seeds, and minor field crops. 1943.
- SA 80. Farm capital and income statistics. 1943.
- SA 81. Agricultural conservation adjustment statistics. 1943.
- SA 82. Miscellaneous agricultural statistics. 1943.
- \*SA 83. Approximate or average weights of various commodities and other conversion factors. 1944. 5¢. For sale only.
- \*SA 84. Statistics of grains. 1944. 10¢. For sale only.
- \*SA 85. Statistics of cotton, sugar, and tobacco. 1944. 10¢. For sale only.
- SA 86. Statistics of oilseeds, fats, and oils. 1944.
- SA 88. Statistics of hay, seeds and minor field crops. 1944.
- \*SA 89. Statistics of beef cattle, hogs, sheep, horses and mules. 1944. 10¢. For sale only.
- \*SA 90. Dairy and poultry statistics. 1944. 10¢. For sale only.
- SA 91. Farm capital and income statistics. 1944.
- SA 92. Agricultural conservation and adjustment statistics. 1944.
- SA 93. Miscellaneous agricultural statistics. 1944.
- \*SA 94. Approximate or average weights of various commodities and other conversion factors, 1945. 5¢. For sale only.
- SA 95. Statistics of grains, 1945.
- SA 96. Statistics of cotton, sugar, and tobacco, 1945.
- SA 97. Statistics of oilseeds, fats, and oils, 1945.
- SA 98. Statistics of fruits, vegetables, melons, and tree nuts. 1945.
- SA 99. Statistics of hay, seeds and minor field crops. 1945.
- SA 100. Statistics of beef cattle, hogs, sheep, horses and mules. 1945.
- SA 101. Dairy and poultry statistics. 1945.
- SA 102. Farm capital and income statistics. 1945.
- SA 103. Agricultural conservation and adjustment statistics. 1945.
- SA 104. Miscellaneous agricultural statistics. 1945.

**Statistical Bulletins:**

- \*SB 38. Carlot shipments and unloads of important fruits and vegetables for the calendar years 1929 and 1930. 1932. 15¢. For sale only.
- \*SB 42. Carlot shipments of fruits and vegetables from stations in the United States for the calendar years 1930 and 1931. 1933. 10¢. For sale only.

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**Statistical Bulletins—Continued.**

- \*SB 43. Corn futures: Volume of trading, open commitments and prices from January 2, 1930 to December 31, 1932. 1933. 10¢. For sale only.
- \*SB 45. Grade and staple length of cotton carried over in the United States as related to the domestic supply, 1928-1929 to 1931-1932. 1934. 5¢. For sale only.
- SB 46. Carlot shipments and unloads of important fruits and vegetables for the calendar years 1931 and 1932. 1934.
- \*SB 52. Grade, staple length, and tenderability of cotton in the United States, 1928-29 to 1933-34. 1936. 10¢. For sale only.
- \*SB 55. Corn futures: Volume of trading, open commitments and prices from January 3, 1933, to December 31, 1935. 1937. 15¢. For sale only.
- SB 56. Grade, staple length, and tenderability of cotton in the United States 1928-29 to 1934-35. 1937.
- SB 58. Annual report on tobacco statistics, 1936. 1937.
- SB 59. Fats, oils, and oleaginous raw materials—production, prices, trade, disappearance in the United States, 1912-35, and available data for earlier years. 1937.
- SB 67. Annual report on tobacco statistics, 1938. 1938.
- SB 72. Wheat futures: Volume of trading, open contracts and prices from January 2, 1936 to December 31, 1938. 1940.
- \*SB 73. Forest products statistics of Central and Prairie States. 1941. 15¢. For sale only.
- SB 74. Corn futures: Volume of trading, open commitments and prices from January 3, 1936 to December 30, 1939. 1941.
- \*SB 76. Stumpage and log prices for the calendar year 1940. 1942. 10¢. For sale only.
- SB 78. Stumpage and log prices for the calendar year 1941. 1943.
- SB 80. Stumpage and log prices for the calendar year 1943. 1945.
- SB 81. Commercial hatchery chick production. 1945.
- SB 82. Stumpage and log prices for the calendar year, 1945. 1948.

**Technical Bulletins:**

- \*T 722. Production and consumption of manufactured dairy products. 1940. 15¢. For sale only.
- \*T 747. Grain prices and the futures market: A 15-year survey, 1923-1938. 1941. 10¢. For sale only.

**Unnumbered:**

- \*Agricultural statistics, 1936. (Paper cover.) 50¢. For sale only.
- Agricultural statistics, 1937. (Buckram cover.)
- Agricultural statistics, 1938. (Buckram cover.)
- Agricultural statistics, 1940. (Buckram cover.)
- Agricultural statistics, 1942. (Paper cover.)
- Agricultural statistics, 1942. (Buckram cover.)
- Agricultural statistics, 1943. (Paper cover.)
- Agricultural statistics, 1943. (Buckram cover.)
- Agricultural statistics, 1944. (Paper cover.)
- Agricultural statistics, 1945. (Paper cover.)
- Agricultural statistics, 1946. (Paper cover.)
- Agricultural statistics, 1946. (Buckram cover.)
- \*Agricultural statistics, 1947. (Paper cover.) \$2.00. For sale only.
- Agricultural statistics, 1947. (Buckram cover.)
- Annual report on tobacco statistics, 1942.

## VISUAL AIDS

### CHARTS, POSTERS

**Educational Charts:**

- \*Educational charts on agriculture and home economics. 12 by 15 inches. 5¢ for single charts or 100 charts at \$2.00. For sale only.
- \*5.564. Dryness in citrus fruits. 1928. 5¢. For sale only.
- \*5.565. Appearance and quality of citrus fruit. 1928. 5¢. For sale only.
- \*6.32a. Cigar tobacco. 1928. 5¢. For sale only.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Educational Charts—Continued.**

- \*6.32b. Flue-cured tobacco. 1928. 5¢. For sale only.
- \*6.91. Buckwheat and arrowroot. 1928. 5¢. For sale only.
- \*8.273b. (2) The teeth and their structure. Diagrams. 1929. 5¢. For sale only.
- \*8.274. The development of the teeth illustrated by X-rays of the jaws of children. 1929. 5¢. For sale only.

**Foods and Nutrition****Charts:**

- \*Get the good from your food. Set of 10 picture charts. 14½ by 20 inches. Black and red on white. 1942. Sold in sets only. 25¢ a set. for sale only.
  1. Introductory chart.
  2. Fruit.
  - 3, 4 and 5. Vegetables.
  - 6 and 7. Meat.
  8. Poultry.
  9. Eggs.
  10. Fats.
- \*Get acquainted with soya flour and grits. Set of 4 illustrated charts. 14½ by 20 inches. Colored. 1943. 20¢ a set. For sale only.
- \*Little exhibits. Nutrition set 2. 38½ by 24 inches. Black and white. 1942. 10¢. For sale only.
  1. Plan a good living from your farm.
  2. Produce-store.
- \*Nutrition Charts. Set of 10 posters. 18½ by 23½ inches. Colored. 1935; revised 1946. Sold in sets only. 75¢ a set. For sale only.
  1. Growth . . . a measure of good nutrition.
  2. Food makes the difference in these twin rats.
  3. Protein builds muscles, blood; is needed for growth.
  4. Iron, needed by the body to build red blood.
  5. Calcium, builds bones, teeth, and is needed by all tissues of the body.
  6. Vitamin A . . . needed for growth, healthy eyes, skin, and other tissues.
  7. Thiamin (Vitamin B<sub>1</sub>) . . . needed by body cells to use carbohydrates.
  8. Riboflavin . . . promotes health by helping body cells use oxygen.
  9. Ascorbic acid (Vitamin C) helps to build healthy gums, teeth, and bones.
  10. Vitamin D . . . for well-formed bones, teeth; and to prevent rickets.

**Posters:**

- Avoid fatigue: Eat a lunch that packs a punch. 16 by 22 inches. Colored. 1943.
- Eat a basic seven every day: Eat a lunch that packs a punch. 20 by 20¼ inches. Colored. 1943.
- Eat three well-balanced meals every day: Eat the basic seven every day, feel better, work better, fewer accidents. 17 by 22 inches. Colored. 1943.
- For health . . . eat some food from each group . . . every day. 20 by 28 inches. Colored. 1943.
- Good food means good work: Eat the basic seven every day. 14 by 22 inches. Colored. 1943.
- Ima good egg. 18 by 25½ inches. Colored. 1947.
- Know the eggs you buy. 11½ by 17½ inches. Colored. 1948.
- Lick the platter clean. 19¾ by 14 inches. Colored. 1944.
- Pork—a savory, nourishing food. 11 by 13½ inches. Colored. 1944.
- These foods prevent pellagra. 16 by 24 inches. Colored. 1931.
- Under the National School Lunch Act. 10 by 16 inches. Colored. 1948.

**Forestry****Posters:**

- M 5159. How a tree grows. 16 by 21 inches. Colored. 1934.
- M 5293. What we get from trees. 27 by 39 inches. Colored. 1945.

**Miscellaneous:**

- M 5110A. Good manners in the forest. 1937.
- M 5138. It might have been you: The story of a forest fire. 1935.
- M 5139. Suggestions for cutting pulpwood. 1934; revised 1940.
- M 5201. Forest friend or enemy. 1936.
- M 5202. As nature made it. 1936.
- M 5236. Forest fires ruin our homes too. 1938.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



M 5243. Bear in mind. (Bookmark.) 1938.

M 5272. Farm woodland owners—Be market wise. (Envelope stuffer.) 1942.

M 5289. Range livestock growers produce more meat this way. 1943.

#### Home Management

##### Charts:

\*It's up to you Mr. and Mrs. Homemaker to make your home equipment last. Set of 10 picture charts.  $14\frac{1}{2}$  by 20 inches. Blue and yellow on white. 1943. Sold in sets only. 50¢ a set. For sale only.

1. Introductory chart.
- 2, 3, and 4. Your cooking range.
- 5, and 6. Your refrigerator.
7. Your washing machine.
8. Your iron.
9. Your vacuum cleaner.
10. Your sewing machine.

#### Insects

##### Picture Sheets:

- No. 4. The Japanese beetle.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1939; revised 1948.
- No. 5. Harlequin bug.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1940.
- No. 6. Gladiolus thrips.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 7. Striped cucumber beetle.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 8. Potato leafhopper.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 9. Imported cabbage worm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 10. Squash borer.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 11. Corn earworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 12. Fall armyworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 13. Tomato fruitworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1941.
- No. 14. European corn borer.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1945; revised 1948.
- \*No. 15. Boll weevil.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 16. Bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 17. Cotton aphid.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 18. Cotton flea hopper.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 19. Cotton leafworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- \*No. 20. Red spider.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1946. 5¢. For sale only.
- No. 21. Pink bollworm.  $5\frac{3}{4}$  by  $9\frac{1}{4}$  inches. Colored. 1948.

##### Posters:

Who are you working for, mister?  $6\frac{3}{4}$  by  $10\frac{1}{2}$  inches. Colored. 1943.

#### Livestock

##### Charts:

- \*Group No. 1. Livestock-cattle and hogs. 1939. 25¢ a set. For sale only.
- 1.1 Beef breeds of cattle—I.
  - 1.2 Beef breeds of cattle—II.
  - 1.3 Beef and dual-purpose breeds of cattle—III.
  - 1.4 Breeds of hogs—I.
  - 1.5 Breeds of hogs—II.
  - 1.6 Hog production—I.
  - 1.7 Hog production—II.
- \*Group No. 2. Horses. 1939. 10¢ a set. For sale only.
- 2.1 Draft breeds of horses.
  - 2.2 Light breeds of horses.
- \*Group No. 3. Dairy. 1939. 20¢ a set. For sale only.
- 3.1 Dairy breeds of cattle—I.
  - 3.2 Dairy breeds of cattle—II.
  - 3.3 Clean milk production.
  - 3.4 Creamery-butter production.

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Charts—Continued.

- 3.5 Making American cheddar cheese.
- 3.6 Some varieties of cheese.
- \*Group No. 4. Sheep, goats, wool, and mohair. 1939. 15¢ a set. For sale only.
  - 4.1 Breeds of sheep.
  - 4.2 Wool production.
  - 4.3 Some grades of wool.
- \*Group No. 6. Meat identification, beef. 1940. 15¢ a set. For sale only.
  - 6.1 Side of beef.
  - 6.2 Brisket, plate, flank, and foreshank pieces.
  - 6.3 Chuck rib series, cross arm and neck pieces of beef.
  - 6.4 Rump and rib cuts.
  - 6.5 Steaks from loin of beef.
  - 6.6 Round and hind shank cuts.
  - 6.7 Grades of beef ribs and rounds.

## Posters:

- The common sheep liver fluke. 15 by 20 inches. Black and white. 1929.
- Free your poultry flock from tuberculosis. 5 by 8 inches. Black and white. 1931.
- Help eradicate scabies. 14 by 19 inches. Colored. 1928; revised 1938.
- Hog cholera. 16 by 20 inches. Black and white. 1941.
- Infectious encephalomyelitis: A disease of horses and mules. 16 by 20 inches. Black and white. 1940.
- Nodular worm infestation of sheep. 16 by 20 inches. Black and white. 1942.
- Pullorum disease (formerly called bacillary white diarrhea): A disease of chickens, occasionally affecting turkeys. 16 by 20 inches. Black and white. 1940.
- Standard-bred poultry pays best. 10¼ by 15¼ inches. Colored. 1923.
- Stomach worm infestation of sheep. 16 by 20 inches. Black and white. 1941.
- U. S. standards for quality of individual shell eggs. 9 by 12 inches. Colored. 1941; revised 1948.
- U. S. grades of feeder steers. 21 by 33 inches. Colored. 1934.
- U. S. grades of slaughter lambs. 21 by 38 inches. Black and white. 1936.
- U. S. grades of slaughter steers. 21 by 38 inches. Black and white. 1929.
- U. S. grades of slaughter swine. 21 by 38 inches. Black and white. 1936.
- U. S. grades of veal calves. 21 by 33 inches. Colored. 1942.
- Livestock-Improvement Series; better sires photos: 11¼ by 14¾ inches. Black and white. 1929-1946.
  - No. 1. Judging dairy cows at a community picnic.
  - No. 2. Spirit and strength in horseflesh.
  - No. 3. Mutton in the making.
  - No. 4. No hunger strike here (pigs).
  - No. 5. Feeding her flock of White Wyandottes.
  - No. 6. An accredited dairy herd.
  - No. 7. Angora goats.
  - No. 8. Castor, versatile Morgan horse.
  - \*No. 9. Growing into the beef business. No free stock, *see page—*.
  - No. 10. They'll pull you through.
  - No. 11. Guarding his master's flock (dog).
  - \*No. 12. Well-bred milk goats. No free stock, *see page —*.
  - \*No. 13. Pure bred sires exclusively on this farm. No free stock, *see page —*.

## Plants and Plant Diseases

## Plant Disease Posters:

- \*No. 7. Potato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A, B. Fusarium stem-end rot.
  - C. Jelly end rot.
  - D, E. Fusarium wilt.
- \*No. 11. Potato diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A, B. Wart.
  - C, D. Powdery scab.
- \*No. 14. Corn diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A. Diplodia seedling blight.
  - B. Gibberella seedling blight.
- \*No. 15. Corn diseases. 7¼ by 12 inches. Colored. 1932. 5¢. For sale only.
  - A, B. Healthy germinating kernels.

- C, D, E. Germinating kernels infected with *Cephalosporium*.  
 F, G, H. Germinating kernels infected with *Fusarium*.
- \*No. 20. Tomato diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 A, B, C. Green mold rot.  
 D. Rhizopus rot.
- \*No. 21. Tomato diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 A, B. Nailhead spot, early stages.  
 C, D, E. Nailhead spot, medium and late stages.
- \*No. 25. Pepper diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 A. Rhizopus rot.  
 B. Bacterial spot.  
 C, D, E. Anthracnose, various stages.
- \*No. 26. Eggplant diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1932. 5¢. For sale only.  
 Fruit rot.
- \*No. 65. Bean diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1942. 5¢. For sale only.  
 A. Anthracnose.  
 B. Common bacterial wilt.  
 C. Halo blight.  
 D. Soil rot of lima beans.  
 E. Scab of lima bean.  
 F. Soil rot.  
 G. Russetting.
- \*No. 66. Pea diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1942. 5¢. For sale only.  
 A. Pod spot.  
 B. Bacterial blight.  
 C, D. Downy mildew.  
 E. Scab.
- \*No. 67. Parsnip and carrot diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1942. 5¢. For sale only.  
 A. Parsnip gray mold rot.  
 B. Carrot black rot.  
 C, D. Carrot watery soft rot.
- \*No. 68. Celery diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1942. 5¢. For sale only.  
 A. Early blight.  
 B, C. Late blight.
- \*No. 69. Celery diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1942. 5¢. For sale only.  
 A, B. Bacterial soft rot.  
 C. Watery soft rot.
- No. 70. Lettuce diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 A, B. Downy mildew.  
 C, D. Brown blight.
- No. 71. Lettuce diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 Tipburn.
- No. 72. Spinach diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 A, B. Downy mildew, upper and lower surfaces of leaves.  
 C, D. Bacterial soft rot, medium and advanced stage.
- No. 73. Sweetpotato diseases.  $7\frac{1}{4}$  by 12 inches. Colored. 1944.  
 Black rot, various stages of decay.

**Charts:**

- \*Group No. 14. Miscellaneous fiber plants. 1940. 10¢ a set. For sale only.  
 14.1 Fiber flax.  
 14.2 Fiber plants—I.  
 14.3 Fiber plants—II.

**Soil Conservation****Soil Conservation Service Charts:**

- No. 11. Soil management program for cropland. 36 by 36 inches. Black and white. 1939.  
 No. 12. Effect of cropping plan on soil losses. 36 by 36 inches. Black and white. 1939.  
 No. 13. Story of three cornfields and the soil they lost per acre each year. 36 by 36 inches. Black and white. 1939.  
 \*No. 14. Improved pastures safeguard soil—produce more protein. 36 by 36 inches. Black and white. 1939. 10¢. For sale only.

**Soil Conservation Service Charts—Continued.**

- No. 15. Financial insecurity follows erosion of the soil. 36 by 36 inches. Black and white. 1939.
- No. 16. Erosion control starts with an inventory of farm resources. 36 by 36 inches. Black and white. 1939.
- No. 17. Soil conservation calls for long-time planning. 36 by 36 inches. Black and white. 1939.
- No. 18. Locust reclaims gullied area within three growing seasons. 13 by 19 inches. Black and white. 1939.
- No. 19. Contour furrows. 16½ by 24 inches. Black and white. 1939.
- \*No. 20. Winter cover saves soil. 16½ by 22 inches. Black and white. 5¢. For sale only.
- No. 21. Soil erosion destroyed this community. 18 by 22 inches. Black and white. 1939.
- No. 31. A grass economy is vital. 19 by 24 inches. Black and white. 1940.
- No. 35. The tree and the soil. 16 by 21 inches. Black and white. 1941.

**MISCELLANEOUS****Miscellaneous Publications:**

- M 634. Educational exhibits, how to prepare and use them. 1948.

**Posters:**

- Land-use adjustment areas. 30 by 40 inches. Colored. 1940.
- Rural cultural regions in the United States. 20 by 40 inches. Colored. 1940.
- Save containers for re-use: Open carefully—keep clean—save tops. 14¼ by 20 inches. Colored. 1944.

**WATER****DRAINAGE****Farmers' Bulletins:**

- F 1814. Terrace outlets and farm drainageways. 1939; slightly revised 1946.

**Circulars:**

- \*C 608. Surface condition of soil and time of application as related to intake of water. 1941. 10¢. For sale only.

**Miscellaneous Publications:**

- M 397. Influences of vegetation and watershed treatments on runoff, silting, and stream flow. 1940.

**Technical Bulletins:**

- \*T 639. Effect of accelerated erosion on silting in Morena Reservoir, San Diego County, California. 1939. 30¢. For sale only.
- T 695. Some principles of accelerated stream and valley sedimentation. 1940.
- \*T 937. Effect of gypsum, organic matter, and drying on infiltration of a sodium water into a fine sandy loam. 1948. 10¢. For sale only.

**Unnumbered:**

- Farm drainage operations for the farm planner. 1941.

**FLOOD CONTROL****Agricultural Information Series:**

- IS 75. First aid for flooded homes and farms. 1948.

**Circulars:**

- C 599. A combination suspended-load sampler and velocity meter for small streams. 1941.

**Miscellaneous Publications:**

- \*M 196. Floods and accelerated erosion in northern Utah. 1934. 5¢. For sale only.
- \*M 372. A survey and discussion of lysimeters and a bibliography on their construction and performance. 1940. 10¢. For sale only.
- \*M 639. Watershed management for summer flood control in Utah. 1947. 10¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



**Yearbook Separates:**

YS 1817. Flood hazards and flood control. 1941.

**IRRIGATION****Farmers' Bulletins:**

- \*F 1846. Supplemental irrigation. 1940. 10¢. For sale only.
- F 1867. Sugar-beet culture under irrigation in the northern Great Plains. 1941.
- F 1876. Irrigation problems in citrus orchards. 1941.
- F 1922. Practical irrigation. 1943.
- F 1973. Irrigated pastures for forage production and soil conservation. 1945.

**Circulars:**

- \*C 735. The water requirements of alfalfa. 1945. 5¢. For sale only.
- \*C 777. Water input used for field crops at the United States Scotts Bluff (Nebr.) Field Station, 1941-44. 1948. 10¢. For sale only.

**Miscellaneous Publications:**

- M 607. The salt problem in irrigation agriculture research at the United States Regional Salinity Laboratory. 1946.
- \*M 624. First aid for the irrigator. 1947. 20¢. For sale only.
- \*M 670. Irrigation agriculture in the West. 1948. 50¢. For sale only.

**Technical Bulletins:**

- \*T 264. Boron in irrigation waters. 1931. 20¢. For sale only.
- \*T 464. Agricultural investigations on the Newlands (Nev.) reclamation project. 1935. 5¢. For sale only.
- \*T 533. Subsoil waters of Newlands (Nev.) Field Station. 1936. 5¢. For sale only.
- T 578. Spreading water for storage under ground. 1937.
- \*T 746. Quality of irrigation waters of the Hollister area of California with special reference to boron content and its effect on apricots and prunes. 1941. 30¢. For sale only.
- \*T 902. Some soil properties related to the sodium salt problem in irrigated soils. 1945. 10¢. For sale only.
- T 962. The quality of water for irrigation use. 1948.

**Yearbook Separates:**

- \*YS 1965. Irrigation in the West. 1947. 5¢. For sale only.
- \*YS 1966. Making more of irrigation. 1947. 5¢. For sale only.

**SUPPLY AND CONSERVATION****Farmers' Bulletins:**

- F 1078. Harvesting and storing ice on the farm. 1920; revised 1933.
- F 1426. Farm plumbing. 1924; slightly revised 1946.
- F 1789. Terracing for soil and water conservation. 1938; revised 1943.
- F 1859. Stockwater developments: Wells, springs and ponds. 1940.
- \*F 1879. Ponds for wildlife. 1941. 15¢. For sale only.
- F 1978. Safe water for the farm. 1946; slightly revised 1948.
- F 1983. Farm fishponds for food and good land use. 1947.

**Agricultural Information Series:**

- IS 44. Water for the modern farmstead. 1946.
- IS 67. Know your watershed. 1948.

**Hydrologic Bulletins:**

- \*H 1. Hydrologic data: North Appalachian Experimental Watershed, Coshocton, Ohio, 1939. 1941. 40¢. For sale only.
- \*H 2. Hydrologic data: Blacklands Experimental Watershed, Waco, Texas, 1937-39. 1942. 40¢. For sale only.
- H 3. Hydrologic data: Central Great Plains Experimental Watershed, Hastings, Nebraska, 1938-40. 1942.
- \*H 4. Hydrologic data: North Appalachian Experimental Watershed, Coshocton, Ohio, 1940. 1942. 55¢. For sale only.
- \*H 5. Hydrologic data: The agriculture, soils, geology, and topography of the Blacklands Experimental Watershed, Waco, Texas. 1942. 40¢. For sale only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

**Miscellaneous Publications:**

- \*M 204. Rainfall intensity-frequency data. 1935. 15¢. For sale only.
- M 380. Snow surveying. 1940.
- M 504. Western ground waters and food production. 1942.
- \*M 528. Techniques of fishpond management. 1943. 10¢. For sale only.
- M 600. Water and our forests. 1946.

**Technical Bulletins:**

- \*T 524. Silting of reservoirs. 1936; revised 1939. 50¢. For sale only.
- T 558. Soil and water conservation investigations at the Soil Conservation Experiment Station, Missouri Valley Loess Region, Clarinda, Iowa. Progress report 1931-35. 1937.
- T 578. Spreading water for storage under ground. 1937.
- \*T 825. Effect of mulches and surface conditions on the water relations and erosion of Muskingum soils. 1942. 5¢. For sale only.

**Unnumbered:**

An outline of the water facilities program. 1939.

**WEATHER AND CLIMATE****Circulars:**

- C 451. Influence of climatogological factors in the development of cercospora foot rot of winter wheat. 1937.
- \*C 774. Local climate in the Copper Basin of Tennessee as modified by the removal of vegetation. 1948. 10¢. For sale only.
- \*C 777. Water input used for field crops at the United States Scotts Bluff (Nebr.) Field Station, 1941-44. 1948. 10¢. For sale only.

**Miscellaneous Publications:**

- \*M 204. Rainfall intensity-frequency data. 1935. 15¢. For sale only.
- \*M 236. Forecasting from synoptic weather charts. 1936; revised 1940. 10¢. For sale only.
- M 421. Atlas of climatic types in the United States, 1900-1939. 1941.

**Technical Bulletins:**

- \*T 600. The influence of climate and grazing on spring-fall sheep range in southern Idaho. 1938. 10¢. For sale only.
- T 636. Correlations between annual precipitation and the yield of spring wheat in the Great Plains. 1938.
- T 686. Weather and plant-development data as determinants of grazing on mountain range. 1939.
- T 808. Climate and accelerated erosion in the arid and semi-arid southwest, with special reference to the Polacca Wash Drainage Basin, Arizona. 1942.

**Yearbooks:**

- \*YB 1941. Climate and man. \$1.75. For sale only.

**Yearbook Separates:**

- YS 1788. Climate and the world pattern. 1941.
- \*YS 1789. The how and why of weather knowledge. 1941. 10¢. For sale only.
- YS 1792. Climate and settlement in the Great Plains. 1941.
- YS 1807. Climate and vegetable crops. 1941.
- YS 1808. Climate adaption of fruit and nut crops. 1941.
- YS 1809. Climate relations of sugarcane and sugar beet. 1941.
- YS 1810. Climate and forage crops. 1941.
- YS 1815. Climate and livestock production. 1941.
- \*YS 1819. The scientific basis of modern meteorology. 1941. 10¢. For sale only.
- \*YS 1820. Amateur forecasting from cloud formations. 1941. 5¢. For sale only.
- \*YS 1823. Climate and weather data for the United States. 1941. 5¢. For sale only.
- \*YS 1824. Climates of the United States. (46 maps.) 1941. 10¢. For sale only.

**Unnumbered:**

Reprints from the Atlas of American Agriculture: 1936.

1. Frost and the growing season.
3. Precipitation and humidity.
5. Temperature, sunshine and wind.

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Apply direct to the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C., for the following:

**Photographic material:**

\*Photographic prints, 8 by 10 inches, at 40¢ each are furnished on order of any maps and charts issued by the Bureau of Agricultural Economics. Prices for enlargements will be quoted upon request. For sale only.

A check list of publications. (Issued monthly.)

**BUREAU OF AGRICULTURAL AND INDUSTRIAL CHEMISTRY**

Apply direct to the Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following:

Mimeographed articles. (Processed list.)

**BUREAU OF DAIRY INDUSTRY**

Apply direct to the Bureau of Dairy Industry, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following:

**Service and Regulatory Announcements:**

Order 1. Regulations for carrying into effect the Process or Renovated Butter Act, revised.

List of available publications of the Bureau of Dairy Industry.

**BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE**

Copies of the following regulations and quarantines are available from the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, U. S. Department of Agriculture, Washington 25, D. C. This agency also has available for distribution additional material not covered in the publications in this list.

**Quarantines****Quarantines applying to the continental United States:**

38. Black stem rust.
45. Gypsy moth and brown-tail moth.
48. Japanese beetle.
52. Pink bollworm.
61. Thurberia weevil.
63. White pine blister rust.
64. Mexican fruit fly.
72. White-fringed beetle.

**Quarantines applying to the Territories of Hawaii and Puerto Rico:**

13. Hawaiian fruits and vegetables.
16. Sugarcane.
30. Sweetpotato.
32. Banana plants.
47. Hawaiian and Puerto Rican cotton, cottonseed, and cottonseed products.
51. United States quarantine to protect Hawaii.
58. Puerto Rican fruits and vegetables.
60. Sand, soil, or earth, with plants from Hawaii and Puerto Rico.
75. Hawaiian citrus nursery stock.

**Foreign Plant Quarantines:**

8. Pink bollworm.
12. Seeds of avocado or alligator pear.
15. Sugarcane.
19. Citrus nursery stock.
24. Indian corn or maize and related plants.
28. Citrus fruits.

**Foreign Plant Quarantines—Continued.**

- 29. Sweetpotato and yam.
- 31. Banana plants.
- 34. Bamboo.
- 37. Nursery stock, plants, and seeds.
- 41. European corn borer.
- 55. Rice.
- 56. Fruits and vegetables.
- 59. Flag smut.
- 69. Packing materials.
- 70. Dutch elm disease (foreign).
- 73. Coffee.
- 74. Cut flower quarantine.

**Regulations**

- Inspection and certification regulations to meet foreign sanitary requirements.
- The Mexican Border Regulations—Providing for inspecting, cleaning, and when necessary, disinfecting railway cars, other vehicles, and other materials entering the United States from Mexico.
- Noncotton zone regulations.
- Regulations governing the importation of potatoes into the United States.
- Revised rules and regulations governing the movement of plants and plant products into and out of the District of Columbia.
- Revised plant safeguard regulations.
- Rules and regulations governing the importation of cotton and cotton wrappings into the United States.
- Rules and regulations governing the importation of cottonseed cake, meal, and other cottonseed products into the United States.

**FARM CREDIT ADMINISTRATION**

A limited number of copies of the following publications, except those for sale only as indicated are available from the Farm Credit Administration, U. S. Department of Agriculture, Washington 25, D. C.

**Farm Credit Administration Bulletins:**

- FCAB 1. Cooperative purchasing of farm supplies. 1935.
- FCAB 2. Accounting principles for cooperative cotton gin associations. 1935.
- FCAB 5. Organization and operation of the Illinois Livestock Marketing Association. 1938.
- FCAB 7. Cooperative marketing of range livestock. 1936.
- FCAB 12. Analysis of the business operations of cooperative cotton gins in Oklahoma, 1933-34. 1937.
- FCAB 15. Contract feeding and pasturing of lambs and cattle. 1937.
- FCAB 18. Use of motor trucks in marketing fruits and vegetables. 1937.
- FCAB 21. Farmers' mutual wind-storm insurance companies. 1938.
- FCAB 24. The surplus problem in the northeastern milksheds. 1938.
- FCAB 25. Relative prices to producers under selected types of milk pools. 1938.
- FCAB 26. A statistical handbook of farmers' cooperatives. 1938.
- FCAB 28. Accounting procedure for cooperative grain elevators. 1938.
- FCAB 33. Cooperative marketing of fleece wool. 1939.
- FCAB 34. Cooperative marketing of livestock at Cincinnati. 1939.
- FCAB 35. Livestock auction sales in the United States. 1939.
- FCAB 36. Butter marketing by cooperative creameries in the Middle West. 1939.
- FCAB 37. Cooperative egg and poultry auction associations. 1939.
- FCAB 38. Cooperative purchasing by Indiana farmers. 1939.
- FCAB 39. Cooperative creamery accounting. 1939.
- FCAB 40. Cooperative grain marketing by local warehouses and elevators in the Pacific Northwest. 1940.
- FCAB 41. Expenses, incomes, and dividends of Oklahoma and Texas co-operative cotton gins. 1940.
- FCAB 44. Business stability of Iowa farmers' elevators. 1941.
- FCAB 45. Reinsurance among farmers' mutual fire insurance companies. 1941.



**Farm Credit Administration Bulletins—Continued.**

- FCAB 47. Cooperative canning of fruits and vegetables. 1941.
- FCAB 48. Sales and distribution policies of cooperative canneries in the United States. 1941.
- FCAB 49. Selling fruits and vegetables cooperatively. 1941.
- FCAB 50. Legal phases of cooperative associations. 1942.
- FCAB 53. Application of the Federal income tax statutes to farmers' co-operatives. 1942.
- FCAB 54. Agricultural cooperation in the United States. 1947.

**Farm Credit Administration Circulars "A":**

- FCA A-19. The co-op and its second generation members. 1940.
- FCA A-20. Agricultural cooperation and national legislation. 1940.
- FCA A-23. Publications on agricultural cooperation. 1948.
- FCA A-24. The changing picture in agricultural finance. 1946.
- FCA A-25. Cooperatives and the family farm. 1946.

**Farm Credit Administration Circulars "C":**

- FCA C-106. Patronage problems of Mid-West Producers Creameries, Inc. 1938.\*
- FCA C-107. Refrigerated food lockers, a new cooperative service. 1940.
- FCA C-108. Organizing a farmers' cooperative. 1938; revised 1945.
- FCA C-109. Organizing a cooperative cotton gin. 1939.
- FCA C-113. Farmers' retail petroleum associations. 1939.
- FCA C-114. Crushing cottonseed cooperatively. 1939.
- FCA C-115. Organization structure of farmers' elevators. 1939.
- FCA C-116. Cooperative marketing of dairy products. 1939.
- FCA C-117. South Brazil—new land of cotton. 1940.
- FCA C-118. Operation of small-lot country fruit and vegetable auctions. 1940.
- FCA C-122. Cooperative grain marketing in the United States. 1941.
- FCA C-123. Personnel management in farmers' cooperatives. 1941.
- FCA C-124. Distribution of milk by farmers' cooperative associations. 1941.
- FCA C-125. Distribution of machinery by farmers' cooperative associations. 1941.
- FCA C-126. Cooperative manufacture and distribution of fertilizer by small regional dry-mix plants. 1941.
- FCA C-127. Cooperative frozen food locker plants. 1946.
- FCA C-128. Purchasing farm supplies through Southern States Cooperative, Inc. 1943.
- FCA C-129. Cooperative marketing of rice and its part in the war emergency. 1943.
- FCA C-130. Cottonseed Improvement Associations. 1947.
- FCA C-131. The Cotton Producers Association. 1948.
- FCA C-132. Marketing policies of the California Prune and Apricot Growers Association. 1948.

**Farm Credit Administration Circulars "E":**

- FCA E- 2. Cooperative business association loans. 1940.
- FCA E- 4. The profitable use of farm credit. 1939.
- FCA E- 5. You and your co-op. 1939.
- FCA E- 6. Using your co-op creamery. 1939.
- FCA E- 7. Using your livestock co-op. 1939.
- FCA E- 8. Using your co-op elevator. 1939.
- FCA E- 9. Using your co-op gin. 1939.
- FCA E-10. Using your wool co-op. 1939.
- FCA E-11. Using your purchasing association. 1939.
- FCA E-12. Using your fruit and vegetable co-op. 1939.
- FCA E-13. Using your poultry and egg co-op. 1939.
- FCA E-14. Using your fluid milk co-op. 1939.
- FCA E-15. Insuring through your farmers' mutual. 1939.
- FCA E-18. Sizing up your cooperative. 1939.
- FCA E-19. Forming farmers' cooperatives. 1939.
- FCA E-20. Financing farmers' cooperatives. 1939.
- FCA E-21. Managing farmers' cooperatives. 1939.
- FCA E-22. Merchandising by farmers' cooperatives. 1939.
- FCA E-23. The story of farmers' cooperatives. 1939; revised 1945.
- FCA E-24. Three principles of agricultural cooperation. 1939.

**Farm Credit Administration Circulars "E"—Continued.**

- FCA E-25. Using a local cooperative as source material for teaching. 1939.
- FCA E-26. Farmers need special credit facilities. 1940; revised 1941.
- FCA E-29. About that farm you're going to buy. 1944.
- FCA E-30. Paying for a farm. 1946.
- FCA E-31. Using credit to farm. 1948.

**Farm Credit Administration Credit Research Bulletins:**

- FCACR 1. Agricultural credit in Germany. 1939.
- FCACR 2. Agricultural credit in Denmark. 1940.
- FCACR 3. Agricultural credit in Canada. 1941.

**Farm Credit Administration Popular Circulars:**

- FCAPC 1. Federal land bank loans made through farmers' cooperative national farm loan associations. 1933; revised 1947.
- FCAPC 3. Loans by production credit associations. 1933; revised 1946.
- FCAPC 5. Agricultural financing through the Farm Credit Administration. 1933; revised 1947.
- FCAPC 6. Loans to farmers' cooperatives. 1934; revised 1941.
- FCAPC 7. The Federal intermediate credit banks. 1934; revised 1941.
- FCAPC 13. When we appraise your farm. 1935; revised 1945.
- FCAPC 14. Selecting and financing a farm. 1935; revised 1946.
- FCAPC 16. Using credit instruments. 1936; revised 1941.
- FCAPC 17. The farmers' cooperative yardstick. 1937.
- FCAPC 18. The credit road to farm ownership. 1938; revised 1941.
- FCAPC 21. Short term credit—A good farm tool. 1938.
- FCAPC 31. So . . . You want to farm. 1946.
- FCAPC 32. Sale of government surplus lands. 1946; revised 1948.

**Unnumbered:**

- \*The 6th annual report of the Farm Credit Administration, 1938. 25¢. For sale only.
- \*The 7th annual report of the Farm Credit Administration, 1939. 25¢. For sale only.
- \*The 8th annual report of the Farm Credit Administration, 1940. 30¢. For sale only.
- \*The 9th annual report of the Farm Credit Administration, 1941. 30¢. For sale only.
- \*The 10th annual report of the Farm Credit Administration, 1942. 20¢. For sale only.
- Interim report of the Farm Credit Administration, January to June 1943.
- \*The 11th annual report of the Farm Credit Administration, 1943-1944. 20¢. For sale only.
- \*The 12th annual report of the Farm Credit Administration, 1944-1945. 25¢. For sale only.
- \*The 13th annual report of the Farm Credit Administration, 1945-1946. 25¢. For sale only.
- \*The 14th annual report of the Farm Credit Administration, 1946-1947. 25¢. For sale only.

**FARMERS HOME ADMINISTRATION**

Apply direct to the Farmers Home Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following material. Quantity requests for free material must be accompanied by a letter citing the use to which the material is to be put.

- Farm ownership loans. 1947.
- Farmers Home Administration. 1948.
- Farmers Home Administration operating loans. 1947.
- Loans for water in the west. (PA 43.) 1948.

**FOREST SERVICE**

Apply direct to Forest Service, U. S. Department of Agriculture, Washington 25, D. C. for the following:

- K-28. Materials to help teach forest conservation.

**LIBRARY****Microfilms and Photoprints**

Microfilm and photoprint copies of any Department publication may be bought from the U. S. Department of Agriculture Library, Washington 25, D. C. All charges;

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

except for Federal agencies, are payable in advance. Payment should be made by check or money order made payable to the "Treasurer of the United States." Currency is sent at the sender's risk.

**Microfilms:**

Periodical articles of any length. 50¢ each.

Bulletins or separate publications. 50¢ for each 50 pages or fraction thereof.

**Photoprints:**

50¢ for each five pages of text or fraction thereof.

**OFFICE OF FOREIGN AGRICULTURAL RELATIONS**

Apply direct to the Office of Foreign Agricultural Relations, U. S. Department of Agriculture, Washington 25, D. C. for the following:

Published information on foreign agriculture.

**BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING**

**Photographs**

Apply directly to the Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Maryland, for the following:

\*Photographs of drawings of the more important forage-plant seeds and incidental seeds commonly found with them, 6½ by 8½ inches. Set of 15, \$3.00. For sale only. Draft or money order must be made payable to the "Treasurer of the United States" and forwarded with order.

**PRODUCTION AND MARKETING ADMINISTRATION**

Apply to the Production and Marketing Administration, U. S. Department of Agriculture, Washington 25, D. C., for the following:

**General Information Series:**

G- 97. 'Round the World with cotton. (The story of cotton in the United States and other countries.)

G-100. More abundant wildlife through the AAA Program. (A leaflet explaining the provisions of the AAA program which benefit wildlife.)

G-106. Wheat storage on the farm and in the Ever-Normal Granary. (An explanation of the Ever-Normal Granary program and instructions on proper storage and care of wheat under Commodity Credit Corporation loans.)

**Marketing Information Series:**

GCM-3. Marketing agreements for fruits and vegetables. (A statement of the purpose and methods of marketing agreements for fruits and vegetables.)

GCM-4. Some problems in marketing tomatoes grown in the Lower Rio Grande Valley of Texas. 1938.

GCM-5. Recent changes in the Florida citrus industry. 1938.

GCM-6. Major economic trends in the dry edible bean industry. (A charted study of various economic phases of bean production and marketing.)

DM-1. A survey of milk marketing in Milwaukee. (A comprehensive study of supply, consumption, market distribution, and net earnings.)

DM-3. Stability in milk markets. (An illustrated pamphlet explaining marketing agreements and orders for milk.)

DM-4. The regulation of milk marketing in England and Wales. (A study of a milk marketing system comparable to our Federal and State programs.)

**Producer-Consumer Leaflets:**

PC-1. And so they meet. (Farmers and city people: Both producers—both consumers.)

PC-2. The things we want. (Making abundance work for all our people.)

PC-3. On tired soil. (Poor soil means poor people on the farms and in the cities.)

PC-4. Two families—one farm. (Stable tenure means better producers and better consumers.)



**Producer-Consumer Leaflets—Continued.**

- PC-5. To buy abundantly. (Producers of abundance deserve to be consumers of abundance.)
- PC-6. Plenty. (Avoiding the scarcity of famine and over-abundance.)
- PC-7. Between you and me. (The distributor's place in production and consumption.)
- PC-8. None shall go hungry. (Making abundance work for low-income families.)
- PC-9. Grow your own. (Better home living means better production and consumption.)
- PC-10. The magic carpet. (Protection for grassland is protection for cities.)
- PC-11. The farm home and A.A.A. (Better farm income means better farm homes.)
- PC-12. Country life and A.A.A. (A permanent security for farm and city.)

**Service and Regulatory Announcements:**

The Production and Marketing Administration is now responsible for the administration of the laws under which these Service and Regulatory Announcements were issued. Nos. 84-154 were originally issued by the Bureau of Agricultural Economics, Nos. 155-162 by the Agricultural Marketing Service, N. S. No. 1 by the Food and Drug Administration, and SRA No. 164 as BAI Order No. 364 by the Bureau of Animal Industry.

- SRA-AMA 88. Regulations for warehousemen storing dried fruit.
- SRA-AMA 93. Rules and regulations of the Secretary of Agriculture governing the inspection and certification of fruits, vegetables, and other products. Revised 1936.
- SRA-AMA 94. Official standards of the United States for American cotton linters.
- SRA-AMA 98. Rules and regulations of the Secretary of Agriculture governing the investigation and certification of class, quality (grade), and conditions of meats and meat-food products. Revised.
- SRA-AMA 99. Official United States standards for grades of carcass beef.
- SRA-AMA 104. Rules and regulations of the Secretary of Agriculture under the United States Standard Container Act of August 31, 1916. Revised.
- SRA-AMA 107. Rules and regulations of the Secretary of Agriculture for the enforcement of the Produce Agency Act.
- SRA-AMA 112. Official United States standards for grades of slaughter cattle.
- SRA-AMA 113. Official United States standards for grades of vealers and slaughter calves.
- SRA-AMA 114. Official United States standards for grades of veal and calf carcasses.
- SRA-AMA 116. Rules and regulations of the Secretary of Agriculture under the United States Standard Container Act of 1928.
- SRA-AMA 119. Regulations of the Secretary of Agriculture under the United States Warehouse Act as amended. Regulations for warehousemen storing nuts.
- SRA-AMA 121. Regulations (other than rules of practice) of the War Food Administration for the enforcement of the Perishable Agricultural Commodities Act, 1930, as amended Apr. 13, 1934, June 19, 1936, and Aug. 30, 1937.
- SRA-AMA 122. Regulations of the Secretary of Agriculture under the United States Warehouse Act as amended. Regulations for warehousemen storing seeds.
- SRA-AMA 123. Official United States standards for grades of lamb carcasses, yearling, mutton, and mutton carcasses.
- SRA-AMA 126. Regulations for cotton warehouses. Revised.
- SRA-AMA 127. Regulations for warehousemen storing grain. Revised.
- SRA-AMA 129. Regulations for warehousemen storing tobacco. Revised.
- SRA-AMA 130. Regulations for warehousemen storing dry beans.
- SRA-AMA 131. Rules and regulations of the Secretary of Agriculture governing the inspection and certification of dressed domestic rabbits for external conditions and of dressed poultry and dressed domestic rabbits and edible products thereof for condition and wholesomeness.



**Service and Regulatory Announcements—Continued.**

- SRA-AMA 134. Regulations for warehousemen storing cherries in sulphur dioxide brine.
- SRA-AMA 135. Official standards of the United States for grades of wool and wool top and rules and regulations for distribution of practical forms of wool and wool top standards under Wool Standards Act of May 17, 1928.
- SRA-AMA 136. Regulations supplementary to the commodity regulations under the United States Warehouse Act for field warehousemen.
- SRA-OD 143. Grades, requirements, and regulations of the Secretary of Agriculture carrying out the provisions of the Export Apple and Pear Act. Revised.
- SRA-AMA 146. Items relating to the administration of the United States Cotton Standards and Cotton Futures Act.
- SRA-AMA 147. Air oven and water oven methods specified in the United States official standards for determining the moisture content of grain.
- SRA-AMA 148. Regulations under the Grain Standards Act.
- SRA-AMA 149. Rules and regulations under the Tobacco Inspection Act.
- SRA-AMA 151. United States standards for potatoes.
- SRA-AMA 152. Regulations of the Secretary of Agriculture under the United States Cotton Futures Act.
- SRA-AMA 153. Regulations of the Secretary of Agriculture under the United States Cotton Standards Act.
- SRA-AMA 154. United States standards for apples.
- SRA-AMA 155. Rules and regulations of the Secretary of Agriculture governing the grading and certification of canned fruits and vegetables.
- SRA-AMA 156. Rules and regulations under the Federal Seed Act.
- SRA-AMA 157. Regulations for warehousemen storing sirups.
- SRA-AMA 158. Regulations for warehousemen storing broomcorn.
- SRA-AMA 159. Regulations for warehousemen storing coldpack fruit.
- SRA-AMA 160. Regulations for warehousemen storing wool.
- SRA-AMA 161. Regulations for warehousemen storing canned foods.
- SRA-AMA 162. Regulations for the enforcement of the Insecticide Act of 1910.
- SRA-AMA 163. Developments in cotton standardization and related services.
- SRA-FDA 164. Packers and Stockyards Act of 1921 as amended, 1926 and 1935.
- SRA-PMA 165. Further developments in cotton standardization and related activities.
- SRA-PMA 166. Regulations for the enforcement of the Federal Insecticide, Fungicide, and Rodenticide Act.
- N. S. No. 1. Regulations for the enforcement of the Naval Stores Act.

**Southern Region Agricultural Conservation Series:**

- SRAC 1. Effects of summer soil-conserving crops on yields of other crops. (A summary of experimental work done in the Southern Region and nearby states.)
- SRAC 2. Effects of winter soil-conserving crops. (A compilation of experimental work on winter soil-conserving crops in the Southern Region and nearby states.)
- SRAC 3. Summary of effects of legumes on yields of cotton and corn in the Southern Region and nearby states. (Information contained herein is supplementary to that set forth in SRAC-1, "Effects of summer soil-conserving crops on yields of other crops" and SRAC-2, "Effects of winter soil-conserving crops.")
- SRAC 5. Permanent pastures. (A compilation of experimental work with permanent pastures in the Southern Region and in North Carolina and Tennessee.)
- SRAC 6. Conserving soil through the farm program. (Questions and answers on this phase of the AAA program in the South.)

**Unnumbered:**

- Handbook of official grain standards.
- Handbook of official hay and straw standards.
- Periodic Market Reports of the Production and Marketing Administration.

**RURAL ELECTRIFICATION ADMINISTRATION**

The following publications on rural electrification may be obtained free (unless

otherwise specified) from the Information Services Division, Rural Electrification Administration, U. S. Department of Agriculture, Washington 25, D. C.

**Informational Literature:**

\*Report of the Administrator of the Rural Electrification Administration. (Describes administrative methods, progress made, and includes statements and statistics on rural electrification in the United States. 15¢ a copy from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.)

Annual statistical report.

Care of your electric motor.

Care and use of your small electric appliances.

Care of your electric water system.

Care and use of your electric iron.

A home made electric brooder.

Electricity and tomorrow's farmer.

Electricity comes to rural America.

Electricity and rural health.

Make your own egg cooler.

A guide for members of rural electric co-ops.

How to keep power on the job.

Build a hay-drier for your barn.

It's smart to play safe.

Making *light* work for you.

More power to your dairying.

More power to your poultry raising.

Make this motor table.

You can build this motor-toter.

Planning your farmstead wiring and lighting. (M 597.)

Electric pig brooders.

Planning the modern small school.

The small portable motor.

Selecting the right water pump.

Teaching rural electrification.

This is an REA co-op.

Make this table lamp.

Water for the modern farmstead. (IS 44.)

Where shall I place my new electrical equipment?

Water when and where your garden needs it.

Your wiring check list.

Your co-op—your business.

Your electric wiring.

Your electrified farm.

**Photographic Material:**

REA maintains a collection of more than 10,000 photographs showing use of electricity on the farm and in the farm home, in rural industry and in the rural community. Prints of most of these photographs are available upon written request for non-commercial use.

**SOIL CONSERVATION SERVICE**

**Photographic Material:**

\*The Soil Conservation Service has a collection of many thousands of pictures showing types of soil erosion, soil conservation practices, water conservation, flood control, land utilization, and wildlife conservation. Prints of these photographs, as well as enlargements, can be purchased. A price list of photographic material can be secured from the Soil Conservation Service, U. S. Department of Agriculture, Washington 25, D. C.

In addition to the above, the Soil Conservation Service maintains an extensive file of 4 by 5 color transparencies of soil and water conservation subject matter—available for loan for reproduction purposes only.

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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## \*PRICES OF PUBLICATIONS LISTED HEREIN

This price list is for the use of persons who need to know the prices of publications in order to purchase publications in addition to those that they are entitled to free and for people who live in foreign countries. Foreign residents should forward an additional amount of about one-third of the purchase price of the publications for postage. See instructions in regard to ordering on page 3.

Send order and remittance to the Superintendent of Documents, Government Printing Office, Washington 25, D. C. Do not send remittance to the Department of Agriculture.

## FARMERS BULLETINS

(Publication number and price)

232	5¢	1030	10¢	1355	5¢	1506	10¢	1646	10¢
523	10¢	1043	10¢	1357	5¢	1507	10¢	1651	5¢
571	5¢	1045	10¢	1366	5¢	1508	5¢	1652	15¢
576	5¢	1054	5¢	1368	10¢	1517	5¢	1656	10¢
578	10¢	1055	15¢	1369	5¢	1520	10¢	1657	5¢
619	5¢	1057	5¢	1372	10¢	1522	10¢	1660	10¢
663	10¢	1059	10¢	1377	10¢	1524	10¢	1661	5¢
666	5¢	1060	10¢	1378	15¢	1526	10¢	1663	10¢
684	10¢	1065	5¢	1380	5¢	1527	5¢	1671	10¢
685	5¢	1068	5¢	1381	20¢	1535	5¢	1673	15¢
697	10¢	1069	5¢	1390	5¢	1537	5¢	1675	5¢
713	5¢	1078	5¢	1391	5¢	1538	10¢	1676	5¢
727	5¢	1085	5¢	1396	10¢	1539	10¢	1677	10¢
739	5¢	1123	10¢	1398	10¢	1548	15¢	1678	5¢
744	5¢	1126	10¢	1405	10¢	1549	10¢	1679	10¢
750	10¢	1128	10¢	1409	15¢	1554	10¢	1686	5¢
763	5¢	1132	5¢	1412	10¢	1563	10¢	1688	5¢
767	5¢	1134	5¢	1415	5¢	1566	5¢	1690	10¢
776	10¢	1146	5¢	1418	5¢	1567	15¢	1692	10¢
779	5¢	1151	10¢	1419	5¢	1572	10¢	1694	5¢
798	5¢	1153	5¢	1422	10¢	1574	5¢	1695	5¢
801	10¢	1161	5¢	1423	10¢	1581	5¢	1699	5¢
803	10¢	1162	5¢	1424	10¢	1582	10¢	1702	5¢
810	10¢	1171	15¢	1426	10¢	1583	5¢	1710	10¢
831	5¢	1179	5¢	1429	5¢	1584	5¢	1711	5¢
840	10¢	1181	5¢	1431	5¢	1586	5¢	1712	5¢
875	5¢	1184	5¢	1433	10¢	1592	5¢	1713	5¢
887	10¢	1186	10¢	1437	5¢	1594	5¢	1714	10¢
891	5¢	1199	5¢	1438	5¢	1596	10¢	1715	5¢
909	10¢	1203	5¢	1439	10¢	1599	10¢	1718	5¢
920	10¢	1210	15¢	1441	5¢	1600	5¢	1721	5¢
938	5¢	1217	5¢	1442	15¢	1602	5¢	1723	15¢
948	5¢	1246	5¢	1452	10¢	1605	5¢	1727	5¢
950	5¢	1249	10¢	1454	5¢	1607	5¢	1728	5¢
952	5¢	1253	5¢	1455	5¢	1610	5¢	1729	5¢
961	5¢	1256	10¢	1459	10¢	1611	5¢	1730	15¢
971	10¢	1258	5¢	1460	5¢	1614	10¢	1731	10¢
976	5¢	1260	10¢	1470	15¢	1617	5¢	1732	10¢
980	5¢	1263	10¢	1474	10¢	1619	5¢	1734	5¢
982	5¢	1267	5¢	1477	5¢	1624	10¢	1735	10¢
988	5¢	1268	10¢	1486	5¢	1625	5¢	1736	5¢
999	10¢	1269	10¢	1487	5¢	1626	5¢	1738	15¢
1001	10¢	1275	10¢	1488	10¢	1627	5¢	1739	10¢
1003	5¢	1276	5¢	1490	10¢	1629	5¢	1740	10¢
1006	5¢	1291	5¢	1492	10¢	1632	5¢	1743	10¢
1017	5¢	1315	5¢	1497	10¢	1634	10¢	1744	5¢
1018	5¢	1318	10¢	1499	5¢	1636	15¢	1745	5¢
1025	5¢	1323	5¢	1500	10¢	1637	10¢	1747	10¢
1026	15¢	1330	10¢	1501	5¢	1640	5¢	1749	15¢
1027	10¢	1334	10¢	1503	5¢	1642	5¢	1750	10¢
1028	15¢	1341	5¢	1504	5¢	1643	10¢	1751	10¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Farmers' Bulletins—Continued.

1752	10¢	1819	5¢	1873	10¢	1914	10¢	1961	10¢
1753	10¢	1820	20¢	1874	10¢	1915	5¢	1962	10¢
1754	10¢	1821	15¢	1875	10¢	1916	10¢	1963	10¢
1756	15¢	1822	5¢	1876	10¢	1920	5¢	1964	10¢
1758	5¢	1824	5¢	1877	5¢	1921	10¢	1965	10¢
1761	15¢	1826	10¢	1878	5¢	1922	20¢	1966	10¢
1764	10¢	1828	10¢	1879	15¢	1924	10¢	1967	10¢
1769	10¢	1829	20¢	1880	5¢	1925	10¢	1968	10¢
1770	5¢	1830	10¢	1881	15¢	1926	10¢	1969	15¢
1772	15¢	1832	15¢	1882	10¢	1928	10¢	1970	10¢
1775	10¢	1834	10¢	1884	5¢	1929	5¢	1971	10¢
1778	10¢	1835	5¢	1885	10¢	1930	5¢	1972	10¢
1779	5¢	1837	5¢	1886	10¢	1931	10¢	1973	10¢
1780	5¢	1840	10¢	1887	10¢	1932	5¢	1975	10¢
1782	10¢	1843	15¢	1888	10¢	1933	5¢	1976	5¢
1785	10¢	1844	10¢	1889	15¢	1934	25¢	1977	10¢
1787	15¢	1845	10¢	1890	10¢	1935	5¢	1978	15¢
1789	15¢	1846	10¢	1891	15¢	1936	10¢	1979	10¢
1790	5¢	1847	10¢	1892	10¢	1937	10¢	1980	10¢
1791	15¢	1849	5¢	1893	10¢	1939	10¢	1981	10¢
1793	5¢	1850	5¢	1894	10¢	1940	10¢	1982	5¢
1796	5¢	1852	5¢	1895	5¢	1943	10¢	1983	10¢
1797	5¢	1853	10¢	1896	10¢	1944	10¢	1984	5¢
1798	10¢	1854	5¢	1897	10¢	1945	5¢	1985	10¢
1800	10¢	1855	10¢	1898	5¢	1946	5¢	1986	10¢
1801	10¢	1858	10¢	1900	10¢	1947	5¢	1987	15¢
1802	10¢	1859	10¢	1901	10¢	1948	10¢	1988	10¢
1803	5¢	1861	10¢	1902	10¢	1949	10¢	1989	15¢
1805	10¢	1863	10¢	1903	10¢	1950	10¢	1991	10¢
1806	5¢	1864	15¢	1904	10¢	1951	10¢	1992	5¢
1807	10¢	1865	10¢	1905	5¢	1952	10¢	1993	10¢
1808	5¢	1866	10¢	1906	10¢	1953	10¢	1994	15¢
1811	10¢	1867	10¢	1907	5¢	1954	10¢	1995	10¢
1813	15¢	1868	10¢	1908	10¢	1955	10¢	1996	15¢
1814	10¢	1869	15¢	1909	10¢	1957	10¢	1997	10¢
1816	5¢	1870	15¢	1910	5¢	1958	20¢	1998	10¢
1817	10¢	1871	5¢	1911	10¢	1959	10¢		
1818	10¢	1872	10¢	1913	15¢	1960	5¢		

## LEAFLETS

(Publication number and price)

2	5¢	88	5¢	127	5¢	152	5¢	178	5¢
5	5¢	90	5¢	128	5¢	154	5¢	179	5¢
12	5¢	92	5¢	129	5¢	155	5¢	180	5¢
23	5¢	93	5¢	131	5¢	156	5¢	181	5¢
29	5¢	98	5¢	133	5¢	157	5¢	182	5¢
34	5¢	102	5¢	134	5¢	158	5¢	183	5¢
38	5¢	104	5¢	135	5¢	159	5¢	184	5¢
44	5¢	107	5¢	136	5¢	160	5¢	185	5¢
47	5¢	108	5¢	137	5¢	161	5¢	187	5¢
49	5¢	110	5¢	138	5¢	163	5¢	188	5¢
51	5¢	114	5¢	139	5¢	165	5¢	189	5¢
56	5¢	113	5¢	140	5¢	166	5¢	192	5¢
62	5¢	115	5¢	142	5¢	168	5¢	194	5¢
69	5¢	116	5¢	143	5¢	169	5¢	195	5¢
72	5¢	118	5¢	144	5¢	171	5¢	196	5¢
73	5¢	119	5¢	145	5¢	172	5¢	197	5¢
74	5¢	121	5¢	146	5¢	173	5¢	198	5¢
75	5¢	123	5¢	147	5¢	174	5¢	199	5¢
83	5¢	124	5¢	148	5¢	175	5¢	202	5¢
84	5¢	125	5¢	149	5¢	176	5¢	203	5¢
86	5¢	126	5¢	151	5¢	177	5¢	204	5¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## Leaflets—Continued.

205	5¢	215	5¢	223	5¢	234	5¢	243	5¢
206	5¢	216	5¢	224	5¢	235	5¢	244	5¢
207	5¢	217	5¢	225	5¢	236	5¢	245	5¢
210	5¢	218	5¢	226	5¢	237	5¢	246	5¢
211	5¢	219	5¢	227	5¢	239	5¢	248	5¢
212	5¢	220	5¢	228	5¢	240	5¢	249	5¢
213	5¢	221	5¢	229	5¢	241	5¢		
214	5¢	222	5¢	233	5¢	242	5¢		

## AGRICULTURAL INFORMATION SERIES

(Publication number and price)

2	5¢	21	5¢	37	5¢	55	5¢	68	5¢
3	5¢	22	5¢	38	5¢	56	5¢	69	15¢
4	5¢	26	5¢	42	5¢	58	5¢	70	5¢
5	5¢	27	5¢	43	5¢	59	5¢	71	10¢
6	5¢	28	5¢	44	5¢	61	5¢	72	5¢
7	5¢	29	5¢	46	5¢	62	5¢	73	5¢
8	5¢	31	5¢	47	5¢	63	5¢	74	5¢
10	5¢	32	5¢	48	5¢	64	5¢	76	5¢
13	5¢	33	5¢	52	5¢	65	5¢		
14	5¢	34	5¢	53	5¢	66	5¢		
17	5¢	35	5¢	54	5¢	67	5¢		

## AGRICULTURAL WAR INFORMATION SERIES

(Publication number and price)

2	5¢	26	5¢	64	5¢	88	5¢	105	5¢
7	5¢	34	5¢	73	5¢	89	5¢	107	5¢
16	5¢	43	5¢	75	5¢	97	5¢	108	5¢
18	5¢	47	5¢	82	5¢	99	5¢	110	5¢
19	5¢	58	5¢	85	5¢	103	5¢		
20	5¢	59	5¢	86	5¢	104	5¢		

## CIRCULARS

(Publication number and price)

54	5¢	328	5¢	453	10¢	533	5¢	590	5¢
62	10¢	346	5¢	454	5¢	535	5¢	591	10¢
76	5¢	347	5¢	455	5¢	536	10¢	593	5¢
91	15¢	352	5¢	457	10¢	537	5¢	594	5¢
99	10¢	358	5¢	458	10¢	538	5¢	595	5¢
103	20¢	359	5¢	467	5¢	539	5¢	596	5¢
131	10¢	361	5¢	473	5¢	540	10¢	599	5¢
135	5¢	371	5¢	476	5¢	541	5¢	600	5¢
143	20¢	379	5¢	481	10¢	543	5¢	601	5¢
148	10¢	383	15¢	482	5¢	549	25¢	602	5¢
154	5¢	385	5¢	484	5¢	553	5¢	603	5¢
168	20¢	386	5¢	489	10¢	555	5¢	606	10¢
171	5¢	387	5¢	493	5¢	557	10¢	607	5¢
178	15¢	388	5¢	494	5¢	558	5¢	608	10¢
183	5¢	393	5¢	499	10¢	559	10¢	610	5¢
221	5¢	396	5¢	500	5¢	561	10¢	611	5¢
240	5¢	397	5¢	502	5¢	562	5¢	612	10¢
246	5¢	403	5¢	505	5¢	565	10¢	613	5¢
249	30¢	406	10¢	507	15¢	566	5¢	615	10¢
252	10¢	414	5¢	510	5¢	567	20¢	616	10¢
259	5¢	419	5¢	513	5¢	569	15¢	620	10¢
260	15¢	427	15¢	517	5¢	572	5¢	621	10¢
284	10¢	429	5¢	518	5¢	574	5¢	622	10¢
290	5¢	430	5¢	519	10¢	575	5¢	623	5¢
304	5¢	434	10¢	522	5¢	579	5¢	624	25¢
306	5¢	438	5¢	525	5¢	580	5¢	627	5¢
313	10¢	446	5¢	526	5¢	587	10¢	630	5¢
321	5¢	449	10¢	530	5¢	588	5¢	631	5¢
324	5¢	451	10¢	532	10¢	589	5¢	632	10¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Circulars—Continued.

634	15¢	671	5¢	706	10¢	739	30¢	769	10¢
635	10¢	673	5¢	707	15¢	740	15¢	770	10¢
637	30¢	674	10¢	708	5¢	743	10¢	771	10¢
638	25¢	675	5¢	709	15¢	744	15¢	772	10¢
639	15¢	677	10¢	710	10¢	745	10¢	773	15¢
640	5¢	680	5¢	713	10¢	746	10¢	774	10¢
641	5¢	681	5¢	715	5¢	748	10¢	775	10¢
642	5¢	683	10¢	716	5¢	749	15¢	776	10¢
643	5¢	685	5¢	717	10¢	750	10¢	777	10¢
644	15¢	686	10¢	719	10¢	751	10¢	778	20¢
645	10¢	687	5¢	720	15¢	752	5¢	779	10¢
646	5¢	688	10¢	721	10¢	753	5¢	780	10¢
647	5¢	689	10¢	722	10¢	754	15¢	781	5¢
648	5¢	690	10¢	723	5¢	755	5¢	782	5¢
649	5¢	691	10¢	724	5¢	756	10¢	783	5¢
650	10¢	692	10¢	725	10¢	757	10¢	785	10¢
651	5¢	693	5¢	726	10¢	758	10¢	786	10¢
652	10¢	694	5¢	727	5¢	759	10¢	787	10¢
653	10¢	695	5¢	729	5¢	760	15¢	788	10¢
654	5¢	696	5¢	730	20¢	761	20¢	789	10¢
655	5¢	697	5¢	732	5¢	762	15¢	792	10¢
657	5¢	698	5¢	733	5¢	763	5¢	794	10¢
664	5¢	699	5¢	734	5¢	764	20¢	795	10¢
665	5¢	701	5¢	735	5¢	765	10¢		
666	5¢	703	5¢	736	15¢	766	10¢		
668	10¢	704	10¢	737	5¢	767	5¢		
669	5¢	705	5¢	738	5¢	768	5¢		

## ADMINISTRATIVE SERIES

(Publication number and price)

1 5¢

## ALASKA AGRICULTURAL EXPERIMENT STATION CIRCULARS

(Publication number and price)

7 10¢  
8 5¢

## BIBLIOGRAPHICAL BULLETINS

(Publication number and price)

2 10¢ 3 15¢ 8 35¢ 9 20¢

## COMMODITY STATISTICS

(Publication number and price)

3 25¢ 5 15¢ 8 20¢ 12 30¢ 26 30¢  
4 15¢ 7 15¢ 11 10¢ 18 25¢

## DEPARTMENT BULLETINS

(Publication number and price)

706 5¢ 928 5¢ 1411 10¢ 1440 15¢ 1492 15¢  
790 35¢ 1025 5¢ 1416 20¢

## DEPARTMENT CIRCULARS

(Publication number and price)

249 5¢ 413 5¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## DISCUSSION SERIES

(Publication number and price)

19	10¢	21	10¢	24	5¢
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## FARMER AND THE WAR

(Publication number and price)

3	5¢	5	5¢	7	5¢
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## HYDROLOGIC BULLETINS

(Publication number and price)

1	40¢	2	40¢	3	30¢	4	55¢	5	40¢
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## MISCELLANEOUS CIRCULARS

(Publication number and price)

12	10¢	32	40¢	35	10¢	63	5¢	66	25¢
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## NUTRITION FOOD CONSERVATION SERIES

(Publication number and price)

3	10¢	5	5¢	8	5¢
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## PHYSICAL LAND SURVEYS

(Publication number and price)

1	25¢	11	15¢	19	20¢	27	25¢	35	25¢
3	65¢	12	10¢	20	20¢	28	10¢	36	15¢
4	10¢	13	25¢	21	20¢	29	20¢	37	15¢
5	20¢	14	20¢	22	20¢	30	35¢	38	20¢
7	\$1.00	15	40¢	23	40¢	31	40¢	39	20¢
8	25¢	16	20¢	24	30¢	32	35¢	40	20¢
9	20¢	17	20¢	25	15¢	33	45¢	41	15¢
10	35¢	18	35¢	26	35¢	34	20¢	42	15¢

## PICTURE SHEETS

(Publication number and price)

4	5¢	8	5¢	12	5¢	16	5¢	20	5¢
5	5¢	9	5¢	13	5¢	17	5¢	21	5¢
6	5¢	10	5¢	14	5¢	18	5¢		
7	5¢	11	5¢	15	5¢	19	5¢		

## PROGRAM AIDS

(Publication number and price)

\$1.00	36	10¢
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## PUERTO RICO EXPERIMENT STATION CIRCULARS

(Publication number and price)

24	10¢	26	10¢	27	10¢	28	20¢	29	10¢
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## PUERTO RICO EXPERIMENT STATION BULLETINS

(Publication number and price)

40	10¢	41	10¢	43	10¢	44	10¢
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\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## PRICES OF PUBLICATIONS\*

## AGRICULTURAL STATISTICS (Paper Bound)

(Publication number and price)

1936	50¢	1943	65¢	1944	\$1.00	1945	\$1.00	1946	\$1.25
1942	75¢							1947	\$2.00

## SEPARATES FROM AGRICULTURAL STATISTICS

(Publication number and price)

51	15¢	69	15¢	76	15¢	85	10¢	94	5¢
52	10¢	70	10¢	77	10¢	86	10¢	96	15¢
53	30¢	71	15¢	80	15¢	88	10¢	97	10¢
54	10¢	72	5¢	81	10¢	89	10¢	99	10¢
56	10¢	73	10¢	82	10¢	90	10¢	100	15¢
57	10¢	74	15¢	83	5¢	92	10¢	101	15¢
59	10¢	75	10¢	84	10¢	93	10¢	102	25¢

## STATISTICAL BULLETINS

(Publication number and price)

38	15¢	46	15¢	59	10¢	74	15¢	80	20¢
42	10¢	52	10¢	67	15¢	76	10¢	81	10¢
43	10¢	55	15¢	72	15¢	78	15¢	82	20¢
45	5¢	56	10¢	73	15¢				

## MISCELLANEOUS PUBLICATIONS

(Publication number and price)

2	10¢	263	5¢	360	60¢	433	10¢	490	40¢
3	5¢	264	10¢	364	\$1.50	436	25¢	496	10¢
9	25¢	266	10¢		a set	438	15¢	497	10¢
33	5¢	271	5¢	366	60¢	439	40¢	498	70¢
52	5¢	272	10¢	367	25¢	440	35¢	499	20¢
59	5¢	277	15¢	370	50¢	441	5¢	501	25¢
62	25¢	278	60¢	371	5¢	442	5¢	504	15¢
77	30¢	285	15¢	372	10¢	445	10¢	507	5¢
80	20¢	290	10¢	373	10¢	447	15¢	508	30¢
98	30¢	291	10¢	375	35¢	448	15¢	512	15¢
119	10¢	292	45¢	380	10¢	449	15¢	513	10¢
131	5¢	293	10¢	382	10¢	452	30¢	514	10¢
135	10¢	300	10¢	383	25¢	453	25¢	515	15¢
136	5¢	301	15¢	384	5¢	454	40¢	517	5¢
153	5¢	306	15¢	385	5¢	455	20¢	518	30¢
161	10¢	307	10¢	386	5¢	456	25¢	520	20¢
162	10¢	308	10¢	388	10¢	457	25¢	522	15¢
167	15¢	309	20¢	390	20¢	459	15¢	524	10¢
170	\$1.00	310	15¢	395	10¢	460	5¢	526	10¢
196	5¢	314	5¢	396	40¢	461	10¢	527	10¢
204	15¢	317	5¢	397	15¢	462	25¢	528	10¢
205	50¢	319	60¢	399	25¢	463	10¢	534	5¢
219	5¢	320	15¢	403	10¢	464	25¢	536	25¢
220	15¢	325	20¢	405	35¢	465	35¢	538	10¢
225	15¢	326	20¢	407	10¢	470	30¢	541	40¢
230	10¢	328	5¢	415	30¢	473	10¢	543	10¢
236	10¢	336	25¢	417	10¢	474	10¢	544	30¢
239	10¢	339	35¢	421	\$1.25	477	\$1.00	545	10¢
242	5¢	341	10¢	422	35¢	478	55¢	546	10¢
247	5¢	349	10¢	424	45¢	482	15¢	547	30¢
249	10¢	353	15¢	426	10¢	484	10¢	551	10¢
256	10¢	354	5¢	427	5¢	485	25¢	553	15¢
259	5¢	355	10¢	428	30¢	487	15¢	554	5¢
261	10¢	356	30¢	429	20¢	488	5¢	555	10¢
262	5¢	358	10¢	430	15¢	489	25¢	559	25¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.



## Miscellaneous Publications—Continued.

560	5¢	586	20¢	605	15¢	624	20¢	642	15¢
562	10¢	587	10¢	606	20¢	626	35¢	643	15¢
563	25¢	588	20¢	607	10¢	627	5¢	644	30¢
564	10¢	589	10¢	608	10¢	628	30¢	646	10¢
565	10¢	591	10¢	609	10¢	629	10¢	647	25¢
567	35¢	593	20¢	610	20¢	630	20¢	648	40¢
570	10¢	594	15¢	613	25¢	631	35¢	649	35¢
573	20¢	595	20¢	614	5¢	633	10¢	651	50¢
575	10¢	596	10¢	615	10¢	634	25¢	652	20¢
577	10¢	597	15¢	616	20¢	635	25¢	653	30¢
578	10¢	598	10¢	618	55¢	636	15¢	659	10¢
579	15¢	599	10¢	619	15¢	637	20¢	667	25¢
581	10¢	600	10¢	620	15¢	638	10¢	670	50¢
582	10¢	601	15¢	621	15¢	639	10¢		
583	10¢	602	15¢	622	25¢	640	50¢		
585	10¢	604	10¢	623	10¢	641	25¢		

## TECHNICAL BULLETINS

(Publication number and price)

7	10¢	445	5¢	598	5¢	708	10¢	778	10¢
16	10¢	457	10¢	600	10¢	709	10¢	779	5¢
33	5¢	460	5¢	601	15¢	710	10¢	781	10¢
125	10¢	461	5¢	604	5¢	712	15¢	782	10¢
167	15¢	463	10¢	607	10¢	715	10¢	783	5¢
171	55¢	464	5¢	617	10¢	717	5¢	784	10¢
174	35¢	482	5¢	623	10¢	720	5¢	785	15¢
198	5¢	488	5¢	624	10¢	721	5¢	786	10¢
245	10¢	490	5¢	632	5¢	722	15¢	787	15¢
264	20¢	494	5¢	633	65¢	723	10¢	788	10¢
266	15¢	499	5¢	636	5¢	728	10¢	789	10¢
272	20¢	502	10¢	638	10¢	730	15¢	791	5¢
274	15¢	503	10¢	639	30¢	732	5¢	792	10¢
282	20¢	507	5¢	641	15¢	734	5¢	793	15¢
305	10¢	513	5¢	642	10¢	735	10¢	794	10¢
307	5¢	514	10¢	645	10¢	736	10¢	798	10¢
308	10¢	522	5¢	646	15¢	738	10¢	799	10¢
312	5¢	524	50¢	647	5¢	742	10¢	802	10¢
314	10¢	527	10¢	648	10¢	743	10¢	803	5¢
325	5¢	528	5¢	649	5¢	744	15¢	804	10¢
334	5¢	530	10¢	651	10¢	745	15¢	805	10¢
346	5¢	533	5¢	654	10¢	746	30¢	808	55¢
361	5¢	536	10¢	657	15¢	747	10¢	810	15¢
371	5¢	540	5¢	663	20¢	748	5¢	811	10¢
372	10¢	547	5¢	664	5¢	749	5¢	812	10¢
378	5¢	550	10¢	666	15¢	750	15¢	814	10¢
388	10¢	556	25¢	670	10¢	752	10¢	818	10¢
392	5¢	557	10¢	671	10¢	753	30¢	820	10¢
395	5¢	558	20¢	680	5¢	754	10¢	821	5¢
399	5¢	564	5¢	681	5¢	755	5¢	822	15¢
400	5¢	565	5¢	684	15¢	757	10¢	824	15¢
404	15¢	568	5¢	686	10¢	758	15¢	825	5¢
407	10¢	574	5¢	687	15¢	759	15¢	827	10¢
409	5¢	576	10¢	689	5¢	762	5¢	828	10¢
419	5¢	580	5¢	692	15¢	765	5¢	829	10¢
421	10¢	582	10¢	693	10¢	767	20¢	831	5¢
423	5¢	583	10¢	695	75¢	769	15¢	832	5¢
427	5¢	584	10¢	697	10¢	770	10¢	833	20¢
428	10¢	585	15¢	700	15¢	771	5¢	834	10¢
436	10¢	592	5¢	701	5¢	772	5¢	835	10¢
437	5¢	594	25¢	704	5¢	774	20¢	837	20¢
438	5¢	595	10¢	705	5¢	775	5¢	839	10¢
444	5¢	596	5¢	707	5¢	777	15¢	842	15¢

\*Do not send remittances to the U. S. Department of Agriculture. See p. 3.

## Technical Bulletins—Continued.

843	10¢	871	10¢	898	10¢	923	25¢	946	10¢
845	10¢	872	10¢	899	15¢	924	20¢	947	15¢
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